

1932

Rice Plot

Experiments

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

3rd planting Date beds
photos.

O. P. South Series 1 sheet 7/27
no. series

	Chopra A.	Blk per A.	Bumper
Paradise	3930	24.3	87.3
Fortuna	3275	23.3	83.9
Chico	3685	22.7	81.9
Edith	3630.3555	22.4 21.9	80.7 79.0
Lady Wright	3195	19.7	71.0
Storm Proof	3185	19.7	70.8
Delity	2585	16.0	57.4
Honduras	2305	14.2	37.2

$$\begin{array}{r}
 4 \overline{) 20} \\
 \underline{16} \\
 4
 \end{array}
 \qquad
 \begin{array}{r}
 6 \overline{) 30} \\
 \underline{12} \\
 18
 \end{array}
 \qquad
 \begin{array}{r}
 2d \dots 5 \\
 \underline{5} \\
 0
 \end{array}$$

EXPLANATIONS OF HEADINGS AND ABBREVIATIONS OF TERMS USED.

SIZE OF PLOT.—Decimal fractions of an acre, as 0.1, 0.025, or, in the case of nursery rows, length in feet.

RATE OF SEEDING.—In pecks per acre.

DATES.—In figures, as 9/15 (=Sept. 15).

STAND.—In thousands of plants per acre wherever possible; otherwise in percentages.

SPRING SURVIVAL.—Given in percentages based on number of plants per acre surviving the winter as compared with stand the previous fall.

MANNER OF GROWTH.—e.=erect; sp.=spreading (of value in distinguishing spring and winter grains).

HEIGHT.—Given in inches; in the case of bearded varieties, measure to tip of heads, not to tip of beards.

INFECTION:

Smut and bunt.—Notes taken at time of ripening. State percentage of infected heads. For example, if 10 heads out of 100 are smutted, the infection is 10 per cent.

Leaf rust.—Taken at time of full heading; state the proportion of infected surface in accordance with the accompanying scale.

Stem rust.—Taken at time of ripening; express in percentages as for leaf rust.

LODGING.—Given in percentages of plants lodged at time of ripening.

SHATTERING.—Given in percentages of shattered grain when fully ripe.

YIELD:

Total weight of crop.—Weight of total crop from plot both grain and straw, in grams, ounces, or pounds.

Grain per plot.—Grams, ounces, or pounds of threshed grain.

Straw per plot.—Difference between two preceding weights.

YIELD PER ACRE.—Calculated from plot yield, in bushels of legal weight; wheat, 60 pounds; oats, 32 pounds; barley, 48 pounds; rye, 53 pounds; emmer and spelt, 32 pounds; flax, 56 pounds; proso, 53 pounds; buckwheat, 48 pounds; rice, 45 pounds.

WEIGHT PER BUSHEL.—Actual weight as determined by the grain tester.

GENERAL DATA.

In case of the series of row or plot tests it is desirable to have all the constant conditions recorded for future reference. For these data the pages following may be used. The sample page shows the manner in which the general notes may be entered. In case several sets of experiments are recorded in a single book the conditions governing each may be given, the heading at the top of the page showing to which particular test the notes refer. The blank pages may be used for additional data, particularly to record the high, low, and mean temperatures, the rainfall, and the number of clear days for each month covered by the experiment.

SCALE FOR ESTIMATING RUST.

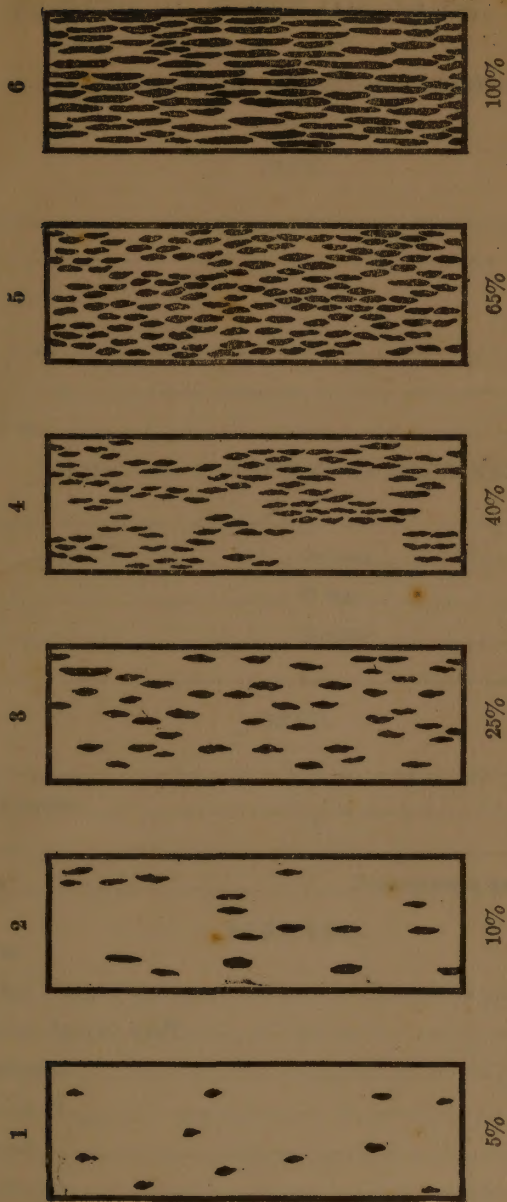


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust, these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 5% (maximum) basis.

Blank rectangular box

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Blank rectangular box

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Blank rectangular box

SAMPLE PAGE.

VARIETAL TEST OF OATS, 1908.

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____ Field H.
Size _____ 1/20 acre.

SOIL.

Kind _____ Prairie loam.
Position _____ Somewhat rolling.
Previous crop _____ Corn.

NAME AND CONDITION OF MACHINERY.

Plow _____
Disk _____ Osborn _____ Sharp.
Harrow _____ U Bar _____ Good.
Seeder _____ Monitor _____ Good.

SEED.

Variety _____ Variable.
Weight per bushel _____ Variable.
Source _____ Variable.
Treatment _____ Fanned clean and treated for smut.

SEED BED.

Preparation:

1. Disked (lapped half) _____ 4-6-'08.
2. Disked (lapped half) _____ 4-10-'08.
3. Harrowed _____ 4-10-'08.
4. Harrowed _____ 4-27-'08.
5. Seeded _____ 4-27-'08.
6. Harrowed _____ 4-27-'08.

SEEDING.

Manner _____ Drilled.
Date _____ 4-27-'08.
Rate _____ 3 bushels per acre by weight.

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Varietal TEST OF Rice, 1932

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____ 150 A plots (5 1/3 x 163.4)

SOIL.

Kind _____ Crowley Clay

Position _____

Previous crop _____ Series 1 + 2 grain Sorghum, series 3 + 4 Summer Plowed

NAME AND CONDITION OF MACHINERY.

Plow _____ 3-bottom tractor plow.

Disk _____ 8 foot tandem

Harrow _____ 2-section spike-tooth.

Seeder _____ 8-hole, Van Brunt, with Drag chains.

SEED.

Variety _____ Variable

Weight per bushel _____ Variable

Source _____ Variable

Treatment _____

SEED BED.

Preparation:

1. Plowed 3/15 depth of approx. 3 inches
2. Disced, ~~plowed~~ 3/18
3. Harrowed and floated with a wooden float just before Seeding
5. Floated after seeding.
6. ~~Plowed~~ Rotted and Disced 4/13

SEEDING.

Manner _____ Drill 8-hole Van Brunt

Date _____ April 20 in a Dry seedbed

Rate _____ 95 lbs. per April 20

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY.

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED.

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

-----TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT.

PLOT.

Location-----

Size-----

SOIL.

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY.

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED.

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED.

Preparation:

1.-----

2.-----

3.-----

4.-----

5.-----

6.-----

SEEDING.

Manner-----

Date-----

Rate-----

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19 _____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING.

Manner _____

Date _____

Rate _____

Variety Test

Planted May 10

Flooded, May 31

Drained June 9

Flooded June 18

Grass June 26

Tullis Acre.

Flooded June 18

Drained June 28

Flooded July 7

Drill Settings

VARIETY,	Fortuna Sels. (Bulked)	
Plot No.,	Sel. Nos. 1, 4, 7, 15, 17, 20, 23, 24, 26, 27, 29	
Plot No.	1	101
Size of plot,		
Rate of seeding,	95 pounds per Acre	
RATE:		
Sown,	4/20	
Emerged,	5/5	5/5
First heading,	8/16	8/16
Fully headed,	8/21	8/22
First ripe,	8/31	8/31
Fully ripe,	9/16	9/16
Harvested,	9/19	9/19
Stand, May 30	95	90
Spring survival,		
Manner of growth,		
Height of plant,	52	52
Lodging,		
Shattering,		
INFECTION:		
Covered smut,	m-s	m-s
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	78.25	76.75
163 Acre Straw per plot,		
Acre yield (bus.),		
Bushel weight, 163	44.5	43.8
REMARKS:	May 30, very few weeds	few weeds.
May 30, all series;		
series 142 planted on acre 600-1 to 700-5		
Head Rice —		80.1
Total Rice —		113.1

most acre since 2+3

1

Check

201

301

No

5/5
8/17
8/22
9/2
9/17
9/19
95

420
5/5
8/17
8/22
9/1
9/17
9/19
94

33

52 52

69.00

77.25 75.31
3766
83.7
44.0

43.0

44.5

May 30

May 30 very few made very muddy, May 30

Series 3+4 planted on acre 400-6-500-10

VARIETY,	Colusa	
C. I. No.,	1600	
No.,		
Plot No.	2	102
Size of plot,		
Rate of seeding,	95 lbs rough rice per A	
RATE:		
Sown,	4/20	
Emerged,	5/6	5/6
First heading,	7/27	7/25
Fully headed,	8/2	8/1
First ripe,	8/11	8/11
Fully ripe,	8/23	8/23
Harvested,	8/25	8/25
Stand, May 30	90	95
Spring survival,		
Manner of growth,		
Height of plant,	40"	41"
Lodging,	Leaning badly	Leaning
Shattering,		
INFECTION:		
Covered smut,	m	m
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot, lbs.	61.25	68.00
Straw per plot, lbs.		
Acre yield (bus.),		
Bushel weight,	43.4	43.9
REMARKS:	May 30 very few weeds	few weeds
	May 30. All series.	
	Short narrow-leaved dark green color	
This variety damaged more by birds than		
old rice Total rice - 116.0		

202

302

5/6 1.070
 7/23 1.23
 7/29
 8/9
 8/21
 8/26
 95

5/6 5/6
 7/25 7/25
 7/30 7/31
 8/9 8/10
 8/22 8/22
 8/26 8/26
 95 94

42
 L. very badly

42 41
 L. very badly

m

m

83.00

73.75

71.5

4.4.7

3575
 79.4
 43.4 43.9

May 30 May 30 very muddy

very muddy, May 30

other. not over 3% damage from this source

81.1

VARIETY,

Edith

C. I. No.,

No.,

Plot No.

3

103

Size of plot,

Rate of seeding,

95 lbs rough rice per A

RATE:

Sown,

4/20

Emerged,

5/4

5/4

First heading,

7/29

7/29

Fully headed,

8/5

8/5

First ripe,

8/15

8/14

Fully ripe,

8/23

8/24

Harvested,

8/25

8/25

Stand, May 30

90

80

Spring survival,

Manner of growth,

Height of plant,

43"

43"

Lodging,

0

0

Shattering,

INFECTION:

Covered smut,

m-n

m-n

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

64.75

67.75

Straw per plot,

Acre yield (bus.),

Bushel weight,

43.4

43.4

REMARKS:

May 30. very few insects. few weeds.
 May 30. all berries
 med. wide leaves, med color.

Head Rice — 92.4
 Total Rice — 114.5

203

303

5/4
7/28
8/5
8/14
8/24
8/26
100

5/4 5/4
7/29 7/29
8/5 8/5
8/14 8/14
8/24 8/24
8/26 8/26
95 91

46₀

44

44

m-N

m-N

78.00

71.75

70.56

42.9

3528
78.4
42.7431

May 30 Very muddy, May 30

few weeds, May 30.

80.7

VARIETY,

Lady Wright

C. I. No.,

No.,

Plot No.

4

104

Size of plot,

Rate of seeding,

95 lbs rough rice per A

RATE:

Sown,

4/20

Emerged,

5/5

5/5

First heading,

7/28

7/29

Fully headed,

8/6

8/6

First ripe,

8/15

8/15

Fully ripe,

8/23

8/24

Harvested,

8/25

8/25

Stand, May 30

9.0

8.5

Spring survival,

Manner of growth,

Height of plant,

45

45

Lodging,

leaning sl.

leaning

Shattering,

INFECTION:

Covered smut,

m-n

m-n

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

57.75

62.50

Straw per plot,

Acre yield (bus.),

Bushel weight,

44.7

44.9

REMARKS:

All series May 30:
 med. wide leaves, med. color
 Very few weeds, May 30

rather weedy

Head Rice
 Total Rice

88.4
 114.5

204

304

5/5
7/28
8/6
8/15
8/23
8/26
90

5/5 5/5
7/29 7/29
8/6 8/6
8/15 8/15
8/23 8/23
8/26 8/26
90 89

45

45
0

45

m-N

m-N

64.50

71.00 6394

42.4

3197.

71.0
42.7 43.7

May 30

Very muddy May 30

rather muddy May 30

19.7 bbl.

71.0 hwr.

~~20~~

205

305

5/4

7/29

8/1

8/9

8/22

8/26

95

46

0

m-s

67.75

44.9

May 30

Very weedy, May 30

5/4

7/30

8/8

8/10

8/22

8/26

95

46

0

m-s

63.0 63.81

45.2

3191.0

70.9

44.4

rather weedy, May 30

19.2

7.2 m.

VARIETY,
Early Prolific
C. I. No.,
No.,
Plot No.

6

106

Size of plot,

95

Rate of seeding,

95 lbs rough rice per A

RATE:
Sown,

4/20

Emerged,

5/5

5/5

First heading,

7/29

7/29

Fully headed,

8/5

8/5

First ripe,

8/16

8/17

Fully ripe,

8/26

8/26

Harvested,

8/26

8/26

Stand, May 30

95

85

Spring survival,
Manner of growth,
Height of plant,

44

46

Lodging,

0

0

Shattering,
INFECTION:
Covered smut,

m

m

Loose smut,
Stem rust,
Leaf rust,
YIELD:
Total crop,
Grain per plot,

59.07

64.00

Straw per plot,
Acre yield (bus.),
Bushel weight,

41.9

41.4

REMARKS:

Very few weeds, May 30 rather muddy
 May 30 all series
 med wide leaves, med green color
 one bad plant
 center of plot

Hd Rice — 91.8
 Total rice — 113.1

206

306

5/5
7/29
8/6
8/17
8/25
8/26
95

5/5
7/29
8/6
8/17
8/25
8/26
95

5/5

7/29

8/6

8/17

8/26

93

47

47

46

mm

69.05

78.36

67.62

33.81

75.1

42.2

41.9

41.9

May 30
in about
(stand)

few weeds May 30 very weedy May 30

VARIETY,	Honduras	
C. I. No.,	1643	
No.,		
Plot No.	7	107
Size of plot,		
Rate of seeding,	95 lbs rough rice per A	
RATE:		
Sown,	4/20	
Emerged,	5/5	5/5
First heading,	8/3	8/8
Fully headed,	8/9	8/10
First ripe,	8/16	8/16
Fully ripe,	8/25	8/25
Harvested,	8/26	8/26
Stand,	May 30 90	85
Spring survival,		
Manner of growth,		
Height of plant,	46"	47"
Lodging,	0	0
Shattering,	0	0
INFECTION:		
Covered smut,	5	M-5
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	40.75	45.50
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	43.2	42.4
REMARKS:	Very few weeds, May 30 May 30. All series! Wide leaves, med. green color, many straight or stunk heads in Hd Rice 79.3 Total Rice 110.2	

207

307

5/5

5/5

5/5

8/3

8/2

8/3

8/10

8/9

8/10

8/16

8/16

8/16

8/24

8/24

8/25

8/26

8/26

—

90

95

90

48

48

47

0

0

0

0

mm-s

mm-s

47.25

51.25

46.19

2310.0

43.7

42.7

51.3

43.0

May 30

very windy, May 30

very windy, May 30

all series

1/4 in. W,
5/1.2 in. W,

VARIETY,	Fortuna Sels. Check	
Line Sel. Nos.	1, 4, 7, 15, 17, 20, 23, 24, 26, 27+29	
No.,		
Plot No.	8	108
Size of plot,		
Rate of seeding,	95 lbs. rough rice per A	
RATE:		
Sown,	4/20	
Emerged,	5/5	5/5
First heading,	8/17	8/18
Fully headed,	8/23	8/23
First ripe,	8/31	8/31
Fully ripe,	9/16	9/16
Harvested,	9/19	9/19
Stand, May 30	85	75
Spring survival,		
Manner of growth,		
Height of plant,	52	52
Lodging,		
Shattering,		
INFECTION:		
Covered smut,	m-s	m-s
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	66.75	65.75
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	43.0	43.3
REMARKS:	Very few insects, May 30. natural muddy May 30 all series, Med. wide leaves, midgreen color.	
Head Rice —		81.6
Total Rice —		111.6

208

308

5/5
8/16
8/23
9/1
9/17
9/19
90

5/5 5/5
8/16 8/17
8/24 8/23
9/1 9/1
9/17 9/17
9/19 9/19
95 86.

52

53 52

72.00

78.25

70.69

3535.

43.8

44.0

78.6

43.5

May 30

very muddy May 30

few muddy May 30

VARIETY,	Caloro	
C. I. No., 1561-1		
No.,		
Plot No.	9	109
Size of plot,		
Rate of seeding,	95 lbs. rough rice per A	
RATE:		
Sown,	4/20	
Emerged,	5/6	5/6
First heading,	8/8	8/7
Fully headed,	8/14	8/14
First ripe,	8/25	8/25
Fully ripe,	9/4	9/3
Harvested,	9/17	9/17
Stand, May 30	85	90
Spring survival,		
Manner of growth,		
Height of plant,	40	41"
Lodging,		
Shattering,		
INFECTION:		
Covered smut,	m-r	m-n
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	62.99	72.75
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	46.3	46.3
REMARKS:	few weeds, May 30 May 30 all series; Narrow, short leaves, dark green color early maturing rogues in all series	
	Hd rice — Total rice —	97.2 119.1

209

309

5/6
8/9
8/15
8/26
9/5
9/17
90

5/6 5/6
8/9 8/8
8/14 8/14
8/26 8/25
9/6 9/5
9/17 9/17
95 90

41

43

41

64.76

73.12

68.41

3421.

76.0

45.6

44.8

44.8

May 30

Very muddy May 30

Very muddy May 30

VARIETY,	Delitus	
C. I. No.,	1206	
No.,		
Plot No.	10	110
Size of plot,		
Rate of seeding,	95 lbs rough rice per A	
RATE:		
Sown,	4/20	
Emerged,	5/5	5/5
First heading,	8/7	8/6
Fully headed,	8/15	8/15
First ripe,	8/21	8/20
Fully ripe,	8/30	8/30
Harvested,	9/8	9/8
Stand,	May 30 95	95
Spring survival,		
Manner of growth,		
Height of plant,	47	48
Lodging,		
Shattering,	has a slight tendency	
INFECTION:		
Covered smut,	m	m
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	53.00	54.00
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	44.7	44.2
REMARKS:	May 30, Very few weevils rather mild	
May 30, All green; Med. to in. hollow, med. to light green color many seedlings, like B. var. purple sheath on seedlings		
	Head Rice	87.0
	Total Rice	111.6

210

310

5/5
 8/8
 8/15
 8/22
 8/31
 9/8
 100

5/5 5/5
 8/7 8/7
 8/15 8/15
 8/21 8/21
 8/31 8/31
 9/8
 95 96

47

50 48

no shelter.

48.00

51.75

51.69

2585

57.4

43.4

43.2 43.9

may 30

rather windy May 30

rather windy May 30

VARIETY,	Fortuna (Texas)	
C. I. No., 1344		
T.S. No., 9821		
Plot No.	11	111
Size of plot,		
Rate of seeding,	95 lbs rough rice per A	
RATE:		
Sown,	4/20	
Emerged,	5/5	5/5
First heading,	8/17	8/18
Fully headed,	8/23	8/23
First ripe,	9/1	9/1
Fully ripe,	9/19	9/19
Harvested,	9/19	9/19
Stand, May 30	95	90
Spring survival,		
Manner of growth,		
Height of plant,	52	52
Lodging,		
Shattering,		
INFECTION:		
Covered smut,	M-S	M-S
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,	76.88	77.05
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	43.8	44.8
REMARKS:		rather weedy
May 30, all series; med. wide leaves, med color. purple sheaths on seedlings		
	Head Rice	80.9
	Total Rice	111.6

211

311

5/5

8/18

8/24

9/2

9/18

9/19

95

5/5

5/5

8/19

8/18

8/24

8/24

9/3

9/2

9/18

9/18

9/19

95

94

53

53

53

69.02

84.61

76.89

3845

85.4

44.3

44.8

43.8

May 30

One low spot in this plot, rice injured some by water standing too long on it. (May 30 recorded few weeds. May 30)

Very weedy. May 30

212

312

5/6
 3/19
 8/23
 9/10
 9/20
 10/1
 95

5/6 5/6
 8/19 8/19
 8/24 8/23
 9/10 9/10
 9/20 9/20
 10/1
 90 89

in all series 46

47 46

.08

85.00
~~85.40~~

95.25

83.69

4185.

93.0

46.5

46.8

46.9

May 30

one low spot on this plot
 is injured some by
 water standing too long
 (May 30 recorded)
 rather weedy, May 30

Very weedy, May 30

Blue Rose Supreme

VARIETY,

C. I. No.,

No.,

Plot No.

Size of plot,

Rate of seeding,

EATE:

Sown,

Emerged,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand, May 30

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

13 113
95 lbs rough rice per A

4/20

5/5

8/25

8/30

9/16

9/26

11/1

85

50

m-5

76.51

46.25

5/5

8/25

8/30

9/16

9/25

10/1

90

51

m-5

66.01

46.0

May 30. All series;
Med. wide leaves, dark green color.

May 30. All series;
sterile pan.

Hd Rice
Total Rice

93.8
114.5

213

313

5/5

5/5

5/5

8/24

8/24

8/25

8/31

8/30

8/30

9/16

9/16

9/16

9/25

9/25

9/25

10/1

10/1

95

95

91

52

52

51

76.48

99.02

79.51

3975

88.3

46.3

46.25

46.75

May 30 Rather muddy May 30

Very few weeds

2
5
37.50

Rexoro

VARIETY,
C. L. No., 1779
No.,

Plot No. 14 114

Size of plot,
Rate of seeding, 95 lbs rough rice per A
RATE:

Sown,	4/20	
Emerged,	5/5	5/5
First heading,	9/9	9/9
Fully headed,	9/22	9/21
First ripe,	9/26	9/25
Fully ripe,	10/12	10/11
Harvested,	10/4	10/4

Stand, May 30 95 100
Spring survival,

Manner of growth,
Height of plant, 53 52
Lodging,

Shattering,
INFECTION:

Covered smut,	m-s	m-s
Loose smut,		
Stem rust,		
Leaf rust,		

YIELD:

Total crop,		
Grain per plot,	74.14	63.11
Straw per plot,		
Acre yield (bus.),		
Bushel weight,	47.25	47.75

REMARKS: Very few weeds, May 30 very few weeds
May 30. All seeds, narrow leaves, mid to light green color. Head Rice
more seedlings than other varieties. Total Rice
considerable sterile panicle
Blister heads noticeable
Blister heads not as many as plot 14

cool weather may be responsible

214

314

5/5

9/11

9/22

9/27

10/15

5/5

9/12

9/22

9/28

10/15

5/5

9/9

9/22

9/27

10/13

100

95

98.

53

55

53

67.23

78.63

70.78

3539.

48.0

47.5

78.6

47.6

May 30

-84.3

-111.6

Rather mealy, May 30

no lighted heads.

Very few mealy, May 30

no lighted heads

for slow ripening of this variety

VARIETY,	Fortuna Sels. Check	
S.I. No. Sel. Nos.,	1, 4, 7, 15, 17, 20, 23, 24, 26, 27 + 29	
No.,		
Plot No.	15	115
Size of plot,		
Rate of seeding,	95 lb rough rice per A	
RATE:		
Sown,		4/20
Emerged,		5/5
First heading,		8/14
Fully headed,		8/22
First ripe,		8/30
Fully ripe,		9/17
Harvested,		9/19
Stand,	May 30	90
Spring survival,		
Manner of growth,		
Height of plant,		52
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		m 5
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,		85.5
Straw per plot,		
Acre yield (bus.),		
Bushel weight,		44.5
REMARKS:	Very greeny	

(Bulk)

~~215~~

315

420

5/5

5/5

8/17

8/16

8/28

8/29

8/30

8/30

9/17

9/17

9/19

95

93.

53

53

79.5

82.5

4125.

91.7

43.3

43.9

May 30

May 30 fuel needed

VARIETY,	Edith	Storm
C. I. No.,		
No.,		
Plot No.	21	22
Size of plot,		
Rate of seeding,	95 lbs rough in per A	
RATE:		
Sown,	5/21	
Emerged,	5/30	5/30
First heading,		
Fully headed,		
First ripe,		
Fully ripe,		
Harvested,		
Stand,		
Spring survival,		
Manner of growth,		
Height of plant,		
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,		
Straw per plot,		
Acre yield (bus.),		
Bushel weight,		
REMARKS:		

plots 21 to 31, inclusive planted

Inoculated with Trichoderma
on July 27th (6 jars $\frac{1}{2}$ gal)

Proof	Early Prolific	Wanica
-------	----------------	--------

5-2

23

24

5/30

5/30

on acre 400-1 to 500-5

VARIETY,	Honduras	Caloro
C. I. No.,		
No.,		
Plot No.	25	26
Size of plot,		
Rate of seeding,	95 lbs rough rice per A	
RATE:		
Sown,	5/21	
Emerged,	5/30	6/1
First heading,		
Fully headed,		
First ripe,		
Fully ripe,		
Harvested,		
Stand,		
Spring survival,		
Manner of growth,		
Height of plant,		
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,		
Straw per plot,		
Acre yield (bus.),		
Bushel weight,		
REMARKS:		

Delitus

Fortuna

27

28

5/30

5/30

VARIETY,	<i>Acadia</i>	<i>Blue Rose</i>
C. I. No.,		
No.,		
Plot No.	<i>29</i>	<i>30</i>
Size of plot,		
Rate of seeding,	<i>95 lbs rough rice per A</i>	
RATE:		
Sown,	<i>5/21</i>	
Emerged,	<i>6/1</i>	<i>5/30</i>
First heading,		
Fully headed,		
First ripe,		
Fully ripe,		
Harvested,		
Stand,		
Spring survival,		
Manner of growth,		
Height of plant,		
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,		
Straw per plot,		
Acre yield (bus.),		
Bushel weight,		
REMARKS:		

Supreme Rexoro

12.

3/13

5/30

Plots 32-37 incl

VARIETY,	Edith	Storm
C. I. No.,		
No.,		
Plot No.	32	33
Size of plot,		
Rate of seeding,	95 lbs rough rice per A.	
RATE:		
Sown,	5/21	
Emerged,	5/30	5/30
First heading,		
Fully headed,		
First ripe,		
Fully ripe,		
Harvested,		
Stand,		
Spring survival,		
Manner of growth,		
Height of plant,		
Lodging,		
Shattering,		
INFECTION:		
Covered smut,		
Loose smut,		
Stem rust,		
Leaf rust,		
YIELD:		
Total crop,		
Grain per plot,		
Straw per plot,		
Acre yield (bus.),		
Bushel weight,		

REMARKS:

inoculated with Del. Lig. on
August 11th (18 jars $\frac{1}{2}$ gal.) 19.

Proof	Honduras	Fortuna
-------	----------	---------

	34	
--	----	--

		35
--	--	----

	5/30	
--	------	--

		5/30
--	--	------

VARIETY,

Blue Rose Supreme

C. I. No.,

No.,

Plot No.

36

Size of plot,

Rate of seeding,

95 lbs rough rice per A

RATE:

Sown,

5/21

Emerged,

5/30

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

Rexoro

37

5/30

Bulk Seed

VARIETY,	Long Grain x Short Grain		
C. I. No.,			
No.,	Cross Nos. 291A, 292A, 293A,		
Plot No.	2910A and 2911A,		
Size of plot,			
Rate of seeding,			
RATE:			
Sown,			
Emerged,			
First heading,		7/10	
Fully headed,			
First ripe,			
Fully ripe,			
Harvested,			
Stand,			
Spring survival,			
Manner of growth,			
Height of plant,			
Lodging,			
Shattering,			
INFECTION:			
Covered smut,			
Loose smut,			
Stem rust,			
Leaf rust,			
YIELD:			
Total crop,			
Grain per plot,			
Straw per plot,			
Acre yield (bus.),			
Bushel weight,			
REMARKS:			

Bulked hybrid plots 1, 2 & 3 planted.

Crosses

294A, 295A, 296A, 297A, 298A, 299A,

on south end of acre 600-1 to 700-5

VARIETY,

C. I. No.,

No.,

Plot No.

Size of plot,

Rate of seeding,

RATE:

Sown,

Emerg'd,

First heading,

Fully headed,

First ripe,

Fully ripe,

Harvested,

Stand,

Spring survival,

Manner of growth,

Height of plant,

Lodging,

Shattering,

INFECTION:

Covered smut,

Loose smut,

Stem rust,

Leaf rust,

YIELD:

Total crop,

Grain per plot,

Straw per plot,

Acre yield (bus.),

Bushel weight,

REMARKS:

2
Bulked Long Grain X
Gross, Nos. ~~1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100~~

7/21

Medium Grain Crosses.
2916A, 2917A, 2918A and 2919A.

VARIETY,					
C. I. No.,					
No.,					
Plot No.					
Size of plot,					
Rate of seeding,					
RATE:					
Sown,					
Emerged,					
First heading,					
Fully headed,					
First ripe,					
Fully ripe,					
Harvested,					
Stand,					
Spring survival,					
Manner of growth,					
Height of plant,					
Lodging,					
Shattering,					
INFECTION:					
Covered smut,					
Loose smut,					
Stem rust,					
Leaf rust,					
YIELD:					
Total crop,					
Grain per plot,					
Straw per plot,					
Acre yield (bus.),					
Bushel weight,					
REMARKS:					

3

Bulked Medium Grain
Cross Nos. 2912A, 2913A

7/17

X Short Grain Crosses,
and 2914A.

VARIETY,				
C. I. No.,				
No.,				
Plot No.				
Size of plot,				
Rate of seeding,				
RATE:				
Sown,				
Emerged,				
First heading,				
Fully headed,				
First ripe,				
Fully ripe,				
Harvested,				
Stand,				
Spring survival,				
Manner of growth,				
Height of plant,				
Lodging,				
Shattering,				
INFECTION:				
Covered smut,				
Loose smut,				
Stem rust,				
Leaf rust,				
YIELD:				
Total crop,				
Grain per plot,				
Straw per plot,				
Acre yield (bus.),				
Bushel weight,				
REMARKS:				

1602

Made in U. S. A.

1933 Nursery plan

South acre

dimensions:

290 ft x 212 ft
(length) (width)

4 full blocks (45 ft including levy)
1 piece block large enough to
plant 1 width rod rows and 1
width short rows (about 30 ft wide)

North acre

dimensions:

290 ft x 240 ft.
(length) (width)

5 full blocks (45 ft wide including levy)
1 piece block large enough to plant
~~1 width rod rows~~ 2 widths
short rows (about 15 ft wide)

Total 5510 R.R.'s and 870 short

24. 11. 1911
(1911)

For the purpose of the
the following is the
the following is the
(1911)

For the purpose of the
(1911)

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the following is the
(1911)

Febr. 26, 1932

Levees in rice nursery were seeded to Bermuda grass at the rate of $\frac{1}{2}$ lbs per levee. The levees were ~~shoulder~~ built with a shovel January 13-16.

March 15th

Land to be used for nursery, fertilizer test, plots, date-of-seeding, etc. was plowed with a three-bottom tractor plow to a depth of approximately three inches.

March 16th

Rice land was disced with tractor tandem disc.

March 19.

Date-of-seeding test in plots using Rexoro, Jostuna, Blue Rose and Early prolific planted. seed obtained from Am. Rice Growers Association except Rexoro which was from 1931 variety test.

This seed was hand picked before being planted. Later plantings of Rexoro will be from seed obtained from Am. Rice Growers Association.

Some moisture was in the soil when sown. Duplicate plots of each variety 105 ft long.

Levees were made 10 ft. wide and pulled up with a grader.

~~March~~ Seeded at the rate of 95 pounds rough rice per acre.

April 1.

Date-of-Seeding plots were flushed. At this date a very small percent of the seed had germinated and ~~was~~ ^{the shoots} just coming thru the surface of the soil. A fairly uniform moistening of the soil was obtained.

A date-of-seeding test involving eight varieties was planted in nursery rows on April 1st. Three-row blocks 18½ ft long, rows 1 ft apart, seeded at the rate of 70 pounds rough rice per acre. The seed bed was very dry at time of seeding but was wet down sufficiently to cause germination. ~~and~~
The soil was moistened April 3rd 4th.

April 5

The Gulf Tractor and Equipment Company ^{Houston} put on a demonstration ~~with~~ their small levee grader or Terracer. A levee in the nursery and a drainage ditch were made.

April 9.

Date-of-seeding plots planted in a relatively dry seed-bed. Planted at the rate of 95 pounds rough rice per acre. Land was single disked and harrowed before planting. Drill was set as follows for the different varieties; } order of planting

Early Prolific	- 39 . (notch number).
Fortuna	- 40
Blue Rose	- 33
Rexoro	- 35

These plots as well as the plots planted March 20 were flooded April 11. The Early Prolific variety showed a fair stand at this time, Blue Rose was coming thru the ground to a fair degree, while Fortuna and Rexoro were just beginning to come thru.

April 11.

~~Varieties~~ Date-of-seeding test planted on April 1st ^(nursery rows) was flooded.

April 15.

Second planting of date-of-seeding in nursery rows. Eight varieties involved, 70 pound rate. April 1st planting just beginning to come thru the soil. Order of seeding as follows.

Colusa
Caloro
Storm Proof
Lady Wright
Early Prolific
Fortuna
Blue Rose
Rexoro

April 20

Rice variety test planted in a very dry seedbed. Clods were pulverized fairly well by use of a packer, disc and float previous to planting. Land was floated after seeding.

Starting at east side of south acre the varieties run as follows

Check, - bulk of Fortuna del. grown in nursery.			
Colusa	Delitus	Lady Wright	Acadia
Edith	Fortuna	Storm Proof	Blue Rose
Lady Wright	Acadia	Early Prolific	Rexoro
Storm Proof.	Blue Rose	Honduras	Check
Early Prolific	Rexoro	Check	
Honduras	Check	Caloro	
Check	Colusa	Delitus	
Caloro	Edith	Fortuna	

The varieties were planted in the same order on the west acre starting from the south side going to the north.

April 22.

Plots planted for purpose of making selections. Planted on south end of acre - just east of rate-of-seeding plots, in the following order.

F2 seed from long grain x short grain rice crosses, 4 drill strips.

F2 " " long grain x medium grain rice crosses, 4 drill strips.

F2 " " medium grain x short grain " " , 4 drill strips.

Caloro x Lady Wright seed, 4 drill strips.

Colusa (1600) x Lady Wright " , 4 drill strips.

Fortuna from 1931 nursery rows, 5 drill strips. (This variety runs up to ditch on east side of acre).

April 21 st

April 9th date-of-seeding plots.

Early Prolific ~~not~~ beginning to come thru the soil in fair shape. Fortuna only showing an occasional shoot. ~~Early~~ Blue Rose and Revoro almost equal to Early Prolific in number of shoots showing.

March 20th planting.

Early Prolific and Blue Rose farthest advanced with Early Prolific ahead of Blue Rose. Fortuna a very poor stand, Revoro a fair stand.

~~Date of seeding rows. 1st + 2nd plantings.~~

~~Flooded May 9 and kept flooded until May 25.~~

~~Flushed again on May 28.~~

May 9

1st and second date-of-seeding (nursery rows) blocks were flooded. Drained May 25

Third date-of-seeding (nursery rows) planting, May 3

Emergence May 13 on all varieties. Very difficult to detect differences in emergence due to excessive moisture. It was impossible to keep this plot dry because of seepage from adjoining blocks of this test.

Nursery land for 1933 plowed June 27, black eyed peas planted on same planted July 1, disbed 3 times before peas were sowed. Drill set at notch 15 and small gates on fudee were dropped to the lowest notch. Used 100 pounds of peas on the one acre.

Tullis acre used July 5 & 6. Inoculated July 9 with Helm. oryzae. Was flooded July 7.

Field notes on Nursery.

Due to dry conditions the nursery was not planted until late. After being plowed in March there was not enough moisture to allow the land to be properly prepared. The land was disked and harrowed several times however.

About $2\frac{1}{2}$ inches of rain fell on April 28th. This put the ground in good tilth and a very satisfactory seed bed was obtained for most of the plantings. The land was harrowed twice with a spike tooth harrow and then floated after the rain and just prior to planting. Dates of planting various test follow.

May 3-

Third date of date-of-seeding test was planted (May 1st ^{planting} date)
1st series date-of-harvesting test.

May 4,

2nd and third series of date-of-harvesting test
all series of the Twelve variety test plantings
Head-rows plantings and rats of seeding test

May 5

Replicated nursery rows
Triplicate nursery rows.

May 6.

$F_4 + F_3$ hybrid material including inheritance study
plantings
Selections from Orient

May 7.

F_2 hybrid material
Bulk plantings of the Crocus

Blue Rose x Carolina Gold

Improved Blue Rose x Fortuna.

Artificial Crossing block consisting of 27 varieties

May 9

Natural-Crossing ~~tests~~ tests were planted
Three selections obtained from Australia.

The soil dried out very fast after the rain mentioned above and the rice is germinating very unevenly. Some trouble is being had with birds brooding the planted seed. A rain is needed before ~~much~~ of the seed will germinate.

On May 10 and 11 .25 of an inch of rain was recorded but this was insufficient to cause much germination

May 13.

Nursery was flushed on May 13 + 14. The water was slow in draining off so it was allowed to stand over night. By Sunday May 15 most of the water had drained off but the ground was still very wet.

May 16 + 17

.94 of an inch precipitation fell on these days. It was in the form of rather heavy showers which packed the already ~~wet~~ wet soil very bad.

May 26

Dry northerly winds occurred May 18, 19, 20 and 21 which dried the soil very fast and caused it to bake. A lot of the rice was unable to get thru this hard crust.

Emergence has been very uneven. The first seedlings were noticed May 11. By May 13 was flushed a few seedlings were noticed in practically all rows. By May 20 there was considerable of a showing of seedlings in all rows but skips were very noticeable in most of the rows.

May 28.

Nursery was flushed again.

June 7

Nursery flooded.

July 1

grain notes on Hybrid selections made in 1932

Edith x Fortuna F4 selections

hybrids.		awn	glume	grain			glume	grain	
no.		type	color	length	Remarks		type	color	length
1	4001-1			long	Edith type	41	4005-1		L.
2	2			long		42	2		L.
3	3			long	Fortuna type	43	3		L.
4	4	P		long	Fortuna "				"
5	5	P		long	Fortuna "	44	4006-1		L.
6	6	R		long	Fortuna "	45	2		L.
7	7			long	Fortuna "	46	3		L.
8	8	P		long	Fortuna "				"
9	4002-1			long	Fortuna "	47	4007-1		L.
10	Fortuna check			long	Fortuna "	48	2		L.
11	2			long	Int. "	49	3		L.
12	3			long	Int. "	50	Fortuna check		
13	4			long	Int. type	51	4008-1		L.
14	5			long	good kernel	52	2		L.
15	6			long	Edith type	53	3		L.
16	7			long	Edith "	54	4		Med.
17	8			long	Edith type	55	5		L.
18	4009-1	R		long	± flat	56	4009-1		L.
19	2	P		long		57	2		L.
20	Edith check	P		long		58	3		L.
21	3	P		long		59	4		L.
22	4	RP		long		60	Edith check		
23	5			long	Edith type	61	5		L.
24	6	RP		long		62	6		L.
25	7	Red		long		63	7		L.
26	8	P		long	good				
27	9	Red		long		64	4011-1		L.
28	4012-1			long		65	2		L.
29	2			long		66	3		L.
30	Fortuna check			long					
31	3			long	± flat	67	4012-1		L.
32	4			long		68	2		L.
33	5			long	Early threshed	69	3		L.
34	6			long		70	Fortuna check		
35	7			long		71	4		L.
36	8			long		72	5		L.
37	9			long		73	6		L.
38	10			long		74	4013-1		L.
39	11			long	± flat	75	2		L.
40	Edith check			long		76	3		L.
						77	4		L.
						78	5		L.

all ± round
good family

round

± round
± round
± round

± round
Edith

		ann type	color plum	ap length	Remarks			ann type	color plum	ap length	Remarks
79	4013-6			L.		119	4022-3			L.	
80	Edith chick			L.	good	120	Edith chick			L.	
81	?			L.		121	?			L.	
82	8			L.		122	5			L.	± round
83	9			L.		123	6			m.l.	
	11					124	?			L.	
84	4014-1			L.		125	?			L.	
85	2			L.	good						
86	8			L.	± slender	126	4022-1			L.	
87	11			L.	± slender	127	2		R.P.	L.	Fortuna
88	5			L.	± slender	128	3			m.l.	Edith
89	90 Fortuna chick			L.	± slender	129	4			L.	
90	?			L.	± slender	130	Fortuna chick			L.	
91	?			L.	± slender	131	5			L.	
92	-8			L.	± slender						
						132	4023-1			L.	Edith
93	4015-1			L.		133	2			L.	± slender
94	2			m.l.		134	3			L.	± slender
95	3			L.		135	4			L.	
						136	5			L.	round
96	4017-1			L.	flat	137	6			L.	round
97	2			L.	Edith type	138	?			L.	
98	3			L.	Edith	139	8			L.	± slender
99	4			L.	flat	140	Edith chick				
100	Edith chick			m.l.	flat	141	4024-1			m.l.	flat
101	5				flat	142	2			M.	brood
102	6			L.	flat	143	3			M.	brood
103	?			L.	± flat						
				L.							
104	4018-1			L.	± flat	144	4025-1			M.	brood
105	2			L.		145	2			M.	brood
106	3			L.		146	3			M.	brood
107	4			L.		147	4			M.	brood
108	5			L.	good	148	5			M.	brood
109	6			L.		149	6			M.L.	good type
				R.P.							
110	Fortuna chick					150	Fortuna chick				
111	4019-1			L.		151	4026-1			M.	brood
112	2			L.		152	2		R.	M.	brood
113	3			L.	Round	153	3			M.	brood
114	4			L.		154	4		R.P.	M.	brood
115	5			L.		155	5		R	M	brood
116	6			L.		156	6			M	brood
						157	?		R.P.	M	brood
117	4021-1			L.	Edith						
118	2			L.		158	4027-1		R.	M.	brood

	ann type	chr flms api	pr length	Remarks		ann type	chr flms api	pr length	Remarks
159	4127-2		M.	± good	201	4133-6		L.	± round
160	edita check		M.		202	?	RP.	L.	
161			M.		203	8	P	L.	
162	4		M	broad	204	9	R	L.	
163	4123-1		M		205	10	R	L	round
164	2		M	± broad	206	11	R.P	L	
165	3		M-L		207	12	RP	L	good
166	4		M.		208	13	R	L	good
167	5	RP.	M	good	209	14	RP	L	
168	4129-1		M-L		210	Diortuna check			
169	2		M	broad	211	4134-1	RP	L.	± flat
170	Diortuna check	P	M	broad	212	2	RP	L.	
171	3	P	M-S	broad	213	3	RP	L.	
172	4	P	M	broad	214	4		L.	
173	5		M-L	good	215	5	RP	L	good
174	6		M-S	broad	216	6	R	L	± flat
175	7	R.	M.		217	7		L	
176	4131-1	RP.	L.		218	8	RP	L.	± flat
177	2	P	L.		219	9	RP	L.	
178	3	P	L.	round	220	edita check			
179	4	RP	L.		221	10	RP	L.	flat
180	edita check	RP.	L.		222	4135-1	R.	L.	± flat
181	5	R	L.		223	2	R.	L.	
182	6	RP	L.	flat	224	3	R.	L.	
183	7		L.	± flat	225	4	R.	L.	
184	8		L.		226	5	R.	L.	
185	4132-1	RP	L.	± flat	227	6	R.	L.	
186	2	RP.	L.		228	7	R	L.	good.
187	3	RP	L	± flat	229	4136-1	P.	L.	
188	4	Red	L.		230	Fortuna check	P.	L.	flat
189	5	R	L.	± flat	231	2	RP	L.	
190	Fortuna check	R	L.		232	3	RP	L	
191	6	R	L.		233	4	RP	L	good
192	7	R.	L.		234	5	RP	L	± flat
193	8	R.	L.	± round	235	6	RP	L	
194	9	RP	L.		236	7	RP	L	
195	4133-1	P	L.		237	8	RP	L	
196	2	RP.	L.		238	9	RP	L	
197	3	RP	L.	good	239	10	RP	L	
198	4		L.	round	240	edita check	RP	L	± flat
199	5	RR	L.		241	11	RP	L	± flat
					242	12	RP	L	

				ann type	color plum age	gr. length	Remarks					ann type	color plum age	gr. length	Remarks
243	40321					L		286	4041-8					L.	
244	2					L.	good	287	9					L.	Edith
245	3					L.	good	288	10					L.	good
246	4					L.	flat	289	11					L.	
247	5					L.	good	290	Fortuna check					L.	
248	6					L.		291	12					L.	? rounded good
249	Fortuna check					L.		292	13					L.	
250	8					L.	± flat	293	4042-1			P	L		typical flat
251	9					L.		294	2			P.	L.		
252						L.		295	3			P.	L.		± flat
253	40381				RP	L.		296	4			P.	L.		
254	2					L	± flat	297	5			P.	L.		± flat
255	3				RP	L.		298	4043-1					L.	
256	4					L	± flat	299	2					L.	
257	5				RP	L		300	Edith check					L.	
258	6				RP	L		301	3					L.	± rounded
259	7				RP	L	± broad	302	4					L.	
260	Edith check				RP	L	± broad	303	5					L	flat
261	8				RP	L	± flat	304	4044-1			RP	L.		
262	9				RP	L	± flat	305	2					L.	± flat
263	10				RP	L	± flat	306	3			RP	M-L		± flat
264	11					L		307	4			RP	L		
265	12				RP	L		308	5			RP	L		± flat
266	4039-1					L.		309	6			RP	L.		
267	2					M-L.		310	Fortuna check						
268	3				RP	L	± Rounded	311	4045-1			RP	L		± flat
269	4					L.		312	2			RP	L		± flat
270	Fortuna check					L.		313	3				M		broad
271	5					L.		314	4			RP	M-L		
272	6				RP	L		315	5				L.		
273	7				RP	L		316	6			RP	L.		
274	8				RP	L		317	7			R.	L		good
275	9				RP	L.		318	8				L		good
276	10				RP	L.		319	9				M		± broad
277	11				RP	L.		320	Edith check						
278	4041-1					M-L		321	4046-1					M	broad
279	2					L.	good	322	2			RP	L.		
280	Edith check					L.	Edith	323	3				M		good
281	3					L.		324	4			RP	M-S		broad
282	4					L.		325	5				M		± broad...
283	5					L.		326	6			RP	L		good
284	6					L.	Edith								
285	7					L.	± flat								

ann type	date year	sqi	length	Remarks	ann type	date year	sqi	length	Remarks
327 4046-1		RP	M	± good	368 4053-1		RP	M	bread
328 1		RP	M	good	369 2			M	bread
329 9		RP	M	± bread	370 Fortuna check.				bread
330 Fortuna check.					371 3		RR	M	± bread
331 4047-1 Bread			M-L	bread	372 4			M	± bread
332 2			M	bread	373 5			M	± bread
333 3			M		374 4054-1			M	
334 4			M-L	good	375 2			M	± bread
335 5			M	± bread	376 3			M	bread
336 6			M-L		377 4			M	± bread
337 7		RP	M-L		378 5			M	
338 8			M-L	flat	379 4055-1			M	very good
339 4048-1			L.	good shape	380 edit check			M	very good
340 edit check					381 2				
341 2		RP	L.		382 4061-1			M	± bread
342 3		RP	M-L		383 2			M	± bread
343 4			M	good	384 3			M	± bread
344 5			M-L		385 4			M	± bread
345 6		RP	M-L	round	386 4062-1		P	L	± round
346 7			M-L		387 2		P	L	Fortuna
347 8			M	bread	388 3		P	L	Fortuna
348 9		RP	M-L		389 4		P	L	Fortuna
349 4049-1 B			M	bread	390 2 Fortuna		P	L	Fortuna
350 Fortuna check.			M	± bread	391 5		P	L	Fortuna
351 2			M	bread	392 6		P	L	Fortuna
352 3 B			M		393 4063-1		RP	L	± round
353 4 B			M		394 2		R.R	L.	± round
354 5			M	± good	395 3		RP	L.	
355 4051-1		RP	L.		396 4		RP	M-L	
356 2		P	L.	round good	397 5			L	
357 4052-1			M	± bread	398 6			L	± round
358 2			M	± bread	399 7		RP	L.	
359 3			M-L	bread	400 edit				
360 edit check			M	± bread	401 4064-1			L	flat
361 4			M	bread	402 2			L.	
362 5			M		403 3			L.	
363 6			M-S		404 4			L.	
364 7			M-S		405 5			L.	
365 8			M	± bread	406 6		R	L	
366 9			M	± good					
367 10			M-L	very good					

		ann type	color plum age	main length	Remarks			ann type	color plum age	main length	Remarks
407	4065-1		P	L	Fortuna	448	4071-5			M-L	± broad
408	2		P	L	Fortuna						
409	3			L		449	4072-1			M-L	± broad
410	Fortuna		RP	L		450	Fortuna			M-L	± broad
411	4		P	L	± flat	451	2			M-L	± broad
412	5		P	L	Fortuna	452	3			M-L	broad
413	6		P	L		453	4	I		M-L	± broad
414	4066-1		RP	L		454	5			M-L	± broad
415	2			L		455	6			M	± broad
416	3		R	M-L		456	4073-1			M-L	± broad
417	4067-1		P	L	± flat	457	2			M-L	broad
418	2			L		458	3			M-L	broad
419	3			L		459	4075-1		RP	M-L	broad
420	edit		P	L	± flat	460	edit		RP	M-L	broad
421	4			L		461	2			L	broad
422	4068-1		RP	L	± flat	462	3				
423	2		RP	L		463	4076-1		RP	M-L	broad
424	3			L	± broad						
425	4		RP	L	± flat						
426	5		R	L	± flat						
427	6		RP	L							
428	7			L	± flat						
429	8		RP	L	± flat						
430	Fortuna		RP	L	± flat						
431	9			L							
432	10			L							
433	4069-1		RP	L							
434	2		RP	L	± flat						
435	3			L							
436	4		RP	L	flat						
437	5			L	± flat						
438	6		RP	L							
439	7		RP	L	± flat						
440	edit		RP	L	± flat						
441	8		RP	L	± flat						
442	9		RP	L	± flat						
443	10		R.P	L	flat						
444	4071-1		RP	M-L	± broad						
445	2		RP	M-L	± broad						
446	3		RP	M	± broad						
447	4		N		broad						

Edith X Caloro

Br. Broad

num type	color glucosapi	length	Remarks	num type	color glucosapi	length	Remarks
464 4077-1		M-L	Broad	502 4088-5		M-L	± Br.
465 2		M-L	Broad				
466 3		M	Broad	503 4092-1		M-L	Br.
467 4078-1		M	Broad	504 4093-1		M	
468	Edith Parent			505 2		M	± Br.
469 4079-1		L	± Broad	506 3		M	
470 Caloro							
471 2		L	± Broad				
472 3		M-L	± Br.	507 4094-1		M	± Br.
473 4		M	± Br.	508 2		M	
474 5		M-L	± Br.	509 3		M	
475 6		M	± Br.	510 Caloro			
				511 4		M	
				512 5		M	Br.
476 4081-1		M-L	± good	513 6		M	± Br.
477 2		M-L	± Br.	514 7		M	Br.
478 3		M	± Br.	515 8		M	Br.
				516 9		M-L	± Br.
479 4082-1		M	Br.				
480 Edith				517 4085-1		M-L	Br.
481 2		M-L	± good	518 2		M	Br.
482 3		M-L	± Br.				
483 4		M-L		519 4091-1		M-L	± Br.
				520 Edith			
484 4083-1		M-S		521 2		M	± Br.
485 2		M-S		522 3		M	± Br.
486	Caloro parent			523 4		M	Br.
487 4084-1		M-L	± Broad	524 5		M	Br.
488 2		M					
				525 4092-1		M	Br.
				526 2		M	Br.
489 4086-1		S	Br.	527 3		M-L	± Br.
490 Caloro							
491 2		S					
492 3		S		528 4098-1		M	Br.
				529 2		M-L	± Br.
493 4087-1		S	- good	530 Caloro			
494 2		M-S	Br.	531 3		M	± Br.
495 3		M-S	± Br.				
496 4		S	± Br.	532 4099-1		S	Br.
				533 2		M	± Br.
				534 3		S	Br.
497 4088-1		M	Br.	535 4		S	± Br.
498 2		M	Br.	536 5		S	
499 3		M-L	± Br.				
500 Edith							
501 4		M		537 4101-1		M-S	Br.

Colusa X Edith

Colusa X Edith

Pl. - plump

ann type	color plum	age	sex length	Remarks	ann type	color plum	age	sex length	Remarks
538 4/102-1			S	Br	579 4/112-8			M	Pl
539 2			M	± Br.					
540 Colusa			M	± Br.	578 4/113-1			M	± Pl
541 3					579 2			M	± Pl
542 4/103-1			M-S		580 Colusa			M	± Pl
					581 3			M	Pl
543 4/104-1			M-S	Br	582 4			M	Pl
544 2			M-S	Br.	583 5			M	Pl
545 4/106-1			M-L	Plump	584 4/114-1			S	Pl
546 2			L		585 4/115-1			M-L	± Pl
547 3			M-L	Plump	586 2			M-L	
548 4			M		587 4/116-1			M-S	Pl
549 5			M	Plump					
550 Edith			M						
551 6			M						
552 7			M	good					
553 8			M		588 4/112-1			RP M	± Pl
554 4/107-1			S	± Br	589 2			M	Pl
555 2			M-S		590 Aikoku				
556 3			S		591 4/118-1			M	
557 4			S	Br	592 2			M	± Pl
558 5			S	Br	593 3			M	± Pl
559 4/108-1			M-S	Br.	594 4			M	
560 Colusa			M	± Br	595 5			M	
561 2			M-S	Br.	596 6			M	± Pl
562 3			M-L	± Br	597 7			M	Pl
563 4/109-1			M	± Br	598 8			M	± Pl
564 2			M	± Br	599 9			M	
565 3			M	Br	600 Edith			M	± Pl
566 4			M		601 10			M	Pl
567 5			M	Br	602 11			M	
568 6			M		603 12			M	
569 4/110-1			M	± Pl	604 13			M	good
570 Edith			M	Pl	605 14			M	
571 2			M		606 15			M	
572 3			M	Pl	607 16			M	
573 4			M		608 4/121-1			M	Pl
574 5			M-S	Pl	609 4/122-1			L	± Pl
575 6			M-L	Pl	610 Aikoku				
576 7			M-L	Pl	611 4/123-1			M	Br
					612 2			M-S	Br.

HiKoKu X Edith

		ann age	color plumage	sex	length	Remarks			ann age	color plumage	sex	length	Remarks
613	4/12/1			P	M	Br.	646	4/13-1				M	
614	2			P	M	Br.							
615	3			P	M	Br.	647	4/14-1				M	Br.
							648	2				M-5	Br.
616	4/125-1			RP	S	Br.							
617	2				M-5	Pl							
618	4/126-1			RP	M-5	Pl	649	4/145-1				M	Br.
							650	Kameji					
619	4/128-1			RP	M	Br.	651	4/146-1				RP	S
620	edit												
621	4/131-1			RP	M	Pl.	652	4/147-1				M	Pl
622	2			R.	M	Br.	653	2				M	Pl
							654	3				M	± Br.
							655	4				M	± Pl
623	4/135-1				M	Br.	656	5				M	± Br.
624	2				S	Br.	657	6				M	Br.
625	4/136-1				M	Pl.	658	4/148-1				M	Pl
626	2				M	Pl.	659	2				M-5	Br.
627	3				M	Br.	660	edit					
628	4			RP	M	Pl.	661	4/149-1				RP	M
629	5			R	M	Pl.	662	2				RP	M-5
630	Butte						663	3				R	M-5
631	4/137-1			RP	M-5	Br.							
632	2 J			R.	M	Br.	664	4/151-1				M	± Pl
633	3 J			R	M	Br.	665	2				M	goof
634	4/138-1			R	M		666	4/152-1				M	Br.
635	2			R	M	Br.	667	2				M	Br.
636	3				M	Br.	668	3				M	Br.
637	4/139-1				S	Br.	669	4/153-1				R	M
							670	Kameji					
638	4/141-1				M	Br.	671	2				RP	M
639	2			RP	M	Br.	672	3				RP	M
640	edit			RP	M	Br.							
641	3						673	4/154-1				M	± Br.
642	4/142-1			RP	M	Br.	674	4/155-1				M	± Pl
							675	2				M	± Br.
643	4/143-1			RP	M	Pl							
644	2 J				M	± Pl	676	4/156-1				R	M
645	3				M	± Br.	677	2				RP	M

	ann type	color glum sqi	gr length	Remarks		ann type	color glum sqi	gr length	Remarks
678 4/157-1		RP	M	± Br	714 4/168-2		RP	M	Br
679 4		RP	M						
680 edit 3		R	M	± Br	715 4/169-1			M	± Pl
681 3					716 2		RP	M	flat
682 4			M	± Br	717 3			M	
683 4/158-1		RP	M	Br.					
684 2			M.	Br.	718 4/172-1		RP	M	± Br
685 3		R	M.	Br.	719 2		RP	M	± Br
686 4		R	M	± Br	720 edit 3			M-S	Br
					721 3				
687 4/159-1		RP	M	Pl	722 4		RP	M-S	Br
688 2		R	M	Pl	723 5		RP	M	
689 3		R	M	± Pl	724 6		RP	M	± Br
690 Kameji					725 7		R	M	± Pl
691 4/161-1			M-S	Br			Bozu X Edith		
692 2			M	Br	726 4/173-1			M-S	Br.
693 3			M	Br	727 2			M	Br.
					728 3			M-S	Pl.
694 4/172-1			M.	Br	729 4			M-S	± Br
					730 Bozu				
695 4/173-1		R.P	M	Br	731 4/176-1			M	± Br
696 2			M	Br	732 2			M	Br
697 3		R	M	± Br	733 3			M	± Br
					734 4			M	Br.
698 4/174-1		R.	M	± Br	735		Bozu Parent		
699 4			M	± Pl	736 4/177-1			M	± Pl
700 edit 3			M		737 2			M	Br
701 3			M	Br.	738 3			M	± Br
702 4		R	M	± Br					
703 5			M-S	± Br	739 4/179-1			M-S	Br
704 6					740 edit 2			M	Pl
					741 2				
705 4/175-1		P	M	± Br	742 3			M	± Br
706 2		R	M	Br					
707 4/176-1		R	M	Pl	743 4/182-1			M-L	Br
					744 4/185-1			M	Br
708 4/177-1		RP	M-L	± Br					
709 2		RP	M	± Br	745 4/187-1			M	Br
710 Kameji 3		RP	N	± Br	746 2			M	Br
711 3		R	M	± Br	747 3			M	
712 4									
713 4/178-1			M	Br					

Colusa X Delitus

Acum type	Colu flam age	Age	Length	Remarks	Acum type	Colu flam age	Age	Length	Remarks
748 4187-1			M	± Br	787 4198-1			M	± Br
749 2			M	Br	788 2			M	± Br
750 Colusa			M		789 4199-1			M	
751 3			M		790 Colusa			M	
752 4			M	± Br	791 2			M	
753 5			M		792 3		G	M	± Br
754 6			M	± Br	793 4		RP	M-L	± Pl.
755 4191-1			M-L		794 4201-1			M	± Pl
756 2			M	± Br	795 2			M	± Pl
757 3			M	± Pl	796 3			M	± Pl
758 4193-1			M	Br	797 4202-1			M	± Br.
759 2			M-S	Br	798 4203-1			M-S	± Br
760 Delitus			M-L	Br	799 2			M	
761 3			M		800 Delitus				
762 4			M		801 4204-1			M	± Br
763 5			M		802 2			M-S	
764 6			M	Br	803 4205-1			M	
765 7			M	± Br	804 2			M	± Br
766 8			M	± Br	805 4206-1			M-S	Br
767 9			M-S	± Br	806 4207-1			M	± Br
768 10			M		807 2			M	± Br
769 4194-1	Y		M	± Br	808 4208-1			M-S	± Pl
770 Colusa	Y	P	M		809 2			M	± Br
771 2			M		810 Colusa				
772 4195-1			M		811 4209-1			M-S	Pl
773 2			M-S		812 2			M	± Br
774 3			M	± Br	813 3			M-L	
775 4196-1			M-L		814 4			M	± Br
776 2			M	± Br	815 4211-1			M-S	Br
777 3			M	± Br	816 2		Y	M	± Br
778 4197-1			M	± Pl.	817 4212-1		Y	M-L	± Br
779 2			M	Pl.	818 2		Y	M-L	Br
780 Delitus			M-L	Pl.					
781 3			M						
782 4198-1			M						
783 2			M-S	± Pl					
784 2			M-S						
785 4			M						
786 5			M						

		Color skin eye	Size length	Remarks
819 4215-1			M-L	± Br.
820 <i>Delitus</i>			L	± Br.
821 2			L	
822 3			L	

Colusa X Honduras

823 4215-1			M	Br.
824 2			M	Br.
825 4217-1			S	Br.
826 4218-1			M	± Br.
827 4219-1			L	Br.
828 2			L	± Br.
829 4221-1			L	Pl.
830 <i>Honduras</i>			M-L	Pl.
831 2			M-L	Br.
832 3			M-L	Br.
833 4			M	Br.
834 5			M-L	± Br.
835 6			M	Br.
836 7			M-L	± Br.
837 8			M-L	Pl.
838 9			M	Br.
839 4221-1			M	Br.
840 <i>Colusa</i>			M	Pl.
841 2			M	Br.
842 4224-1			M	Br. green
843 2			M	Br.
844 3			M	Br.
845 4225-1			M	Pl.
846 2			M	Pl.
847 3			M-S	Br.
848 4			M	Br.
849 4226-1			M	Br.
850 <i>Honduras</i>			M	Br.
851 4227-1			M	Br.
852 2			M	Br.

		Color skin eye	Size length	Remarks
853 4231-1			M	Br.
854 2			M	Br.
855 4234-1			M-L	good
856 2			M	± Br.
857 3			M	Br.
858 4235-1			M	Br.
859 2			M	Br.
860 <i>Colusa</i>			L	
861 3			M	Br.
862 4236-1			M	Br.
863 2			M-L	± Br.
864 3			M-L	± good

Caloro X Honduras

865 4237-1			L	good
866 2			M	good
867 4238-1			M-L	± Pharynx
868 2			L	good
869 3			M-L	good
870 <i>Honduras</i>			L	good
871 4			M	Br.
872 4239-1			M	Br.
873 2			M	Br.
874 3			M-L	good
875 4241-1			M	good
876 4242-1			M-L	Br.
877 2			M	Br.
878 3			M	Br.
879 4			M	Br.
880 <i>Caloro</i>			M	Pl.
881 6			L	good
882 4244-1			L	good
883 2			L	good
884 3			L	good
885 4			L	± flat
886 4245-1			M	Pl.

	anno type	Colo illum. age	Sex length	Remarks
887	4246-1		S	Bu.
888	4247-1		M	Bu.
889	2		M	Bu.
890	Honduras			
891	4247-1		M-S	Bu.
892	2		M-S	Bu.
893	4251-1		M	± Bu.
894	2		M	Bu.
895	3		M-L	Pl.
896	4		M	Bu.
897	5		M-L	± Pl.
898	6		M	± Bu.
899	4255-1		M-L	± Bu.
900	Caloro		M	Bu.
901	2		M-L	Bu.
902	3		M	Bu.
903	4257-1		M	Bu.
904	4258-1		M	Bu.
905	4259-1		M	Bu.
906	2		M-L	± Bu.
907	3		M	Pl.
908	4		M	± Bu.
909	5		M	Bu.
910	Honduras			
911	4262-1		M	Bu.
912	4264-1	Bu.	M	Plump
913	2	L	M	Pl.
914	3	B	M	Pl.
915	4266-1		M	± Bu.
916	2		M-L	Bu.
917	3		M	Pl.
918	4267-1		M	± Bu.
919	2		M	Bu.

	anno type	Colo illum. age	Sex length	Remarks
920	Caloro			
921	4268-1		M-L	Bu.
922	2		M-S	Bu.
923	4269-1	L	M	Pl.
924	2		M-S	Pl.
925	3		M	
926	4271-1		M-S	
Delitus X Caloro				
927	4272-1	RP	M	
928	2		M	
929	3	RP	M	
930	Delitus			
931	4273-1		M	
932	2	L	M	± Pl.
933	3		M	
934	4		M	± Bu.
935	5		M-S	
936	6		M	± Bu.
937	7		M	
938	4274-1	RP	S	
939	2		M-S	± Bu.
940	Caloro			
941	4276-1	L	M-S	
942	2		M-S	± Bu.
943	4277-1		M-L	very slender
944	2		M	± slender
945	4278-1		M	
946	4279-1		M	± Bu.
947	2		M-L	
948	3	RP	M-S	Bu.
949	4281-1	L	M	Bu.
950	Delitus			
951	2	L	M	± Bu.
952	3	L	M	

Year	Age	Sex	Length	Remarks	Year	Age	Sex	Length	Remarks
953	4275-1		M-L		985	4316-3	M		Bn
954	2		M	±Pl.	986	4	M		±Bn
955	3		M		987	5	RP M		±Bn
956	4		M-L		988	6	← Kameji Parent		
957	5		M-L						
958	4286-1	P	M-3	Bn	989	4329-1	5		Bn
959	4286-1		M		990	Honduras	5		Pl
960	Caloro	RP	M-L		991	2	5		±Bn
961	2				992	3	5		
962	4289-1	Y	M-5	Bn	993	4308-1	M		±Pl
963	2	2.	M-5	Bn	994	2	M-L		
964	4293-1	RP	M		995	4309-1	M		Bn
965	2	RP	M	Bn	996	2	M		Bn
966	3		L		997	4311-1	AP M-L		
967	4	2.	L	±Delitus	998	2	RP M		±Bn
968	4295-1	Y	5	Bn	999	3	M		±Bn
969			M-5		1000	Kameji	RP M		Bn
970	Delitus		5	Bn	1001	4	RP M		Bn
971	3				1002	5	RP M		Bn
972	4296-1		M	Bn	1003	6	M-L		
973	4297-1	RP	5	±Bn	1004	7	M		Bn
974	2	Y	RP 5	±Pl.	1005	8	M		±Bn
975	4299-1	RP	M	±Pl	1006	9	AP M		
Kameji X Honduras					1007	4315-1	M		Bn
976	4301-1		M		1008	4317-1	RP M		
977	4302-1		M	Bn	1009	3	RP 5		Bn
978	2		M	±Bn	1010	Honduras	RP M		Bn
979	4303-1		M-L	Bn	1011	3			
980	Kameji	RP	M-5	±Bn	1012	4319-1	RP M		Bn
981	4304-1				1013	4321-1	RP M		Bn
982	4305-1		M-5	±Bn	1014	2	RP M		±Bn
983	4306-1				1015	4322-1	M		Bn
984	4307-1				1016	2	AP M		±Bn
985	4308-1				1017	4323-1	M		
986	4309-1				1018	2	RP M-5		
987	4310-1								
988	4311-1								
989	4312-1								
990	4313-1								
991	4314-1								
992	4315-1								
993	4316-1								
994	4317-1								
995	4318-1								
996	4319-1								
997	4320-1								
998	4321-1								
999	4322-1								
1000	4323-1								
1001	4324-1								
1002	4325-1								
1003	4326-1								
1004	4327-1								
1005	4328-1								
1006	4329-1								
1007	4330-1								
1008	4331-1								
1009	4332-1								
1010	4333-1								
1011	4334-1								
1012	4335-1								
1013	4336-1								
1014	4337-1								
1015	4338-1								
1016	4339-1								
1017	4340-1								
1018	4341-1								
1019	4342-1								
1020	4343-1								
1021	4344-1								
1022	4345-1								
1023	4346-1								
1024	4347-1								
1025	4348-1								
1026	4349-1								
1027	4350-1								
1028	4351-1								
1029	4352-1								
1030	4353-1								
1031	4354-1								
1032	4355-1								
1033	4356-1								
1034	4357-1								
1035	4358-1								
1036	4359-1								
1037	4360-1								
1038	4361-1								
1039	4362-1								
1040	4363-1								
1041	4364-1								
1042	4365-1								
1043	4366-1								
1044	4367-1								
1045	4368-1								
1046	4369-1								
1047	4370-1								
1048	4371-1								
1049	4372-1								
1050	4373-1								

sum age	2 nd flower age	3 rd length	Remarks	sum age	2 nd flower age	3 rd length	Remarks
1145 4415-1		M-S	Bu	1177 4435-1		M-S	± Bu
1146 2		M-S	Pl	1178 2		M	± good
1147 3		M-S	± Bu	1179 3		M	
				1180 Colusa		M-S	
1148 4419-1		M-S	± Bu	1181 4			
1149 4421-1		M-S	± Bu				Caloro X Blue Rose
1150 Blue Rose				1182 4437-1		M-S	± Bu
1151 4423-1		M	± Bu	1183 4438-1		M	± Bu
1152 2		M		1184 2		M-S	Pl.
1153 3		M-S	± good	1185 3		M	Pl.
1154 4		M-S					
1155 4425-1		M		1186 4439-1		M	± Bu.
1156 2		M-S	Bu	1187 4441-1		M	Plump
1157 3		M	± good	1188 2		M-S	± Bu
1158 4426-1		M-S	Bu.	1189 4442-1		M-S	
1159 4428-1		S	± Bu	1190 Blue Rose			
1160 Colusa				1191 4444-1		M	± good
1161 4429-1		M-S	± good				
1162 2		M-S	± Bu.	1192 4445-1		M-S	
				1193 2		M-S	Bu.
1163 4431-1		M-S		1194 3		M-S	Pl.
1164 4432-1		M-S	Pl.				
1165 2		M-S	± Bu	1195 4447-1		M-S	
1166 3		M-S	± Bu	1196 2		M-S	
1167 4		M-S	± Bu				
1168 6		M-S	± Bu	1197 4448-1		M-S	
1169 6		M-S	± Bu	1198 4449-1		M	± Pl.
1170 Blue Rose							
1171 7		M-S	± Bu	1199 4451-1		M-S	
1172 8		M		1200 Colusa		M-S	
				1201 2			
1173 4433-1		M-S	± Bu				
1174 4434-1		M-S	Pl.	1202 4453-1		M-S	
1175 2		M-S	± Bu.				
1176 3		M-S	± Pl.	1203 4454-1		M	± good
				1204 4456-1		M	± good
				1205 2		M.	good
				1206 3		M	good

		Color	Age	Length	Remarks			Color	Age	Length	Remarks
1207	4456-1			M		1243	4474-1			M-S	
1208	6			M	± Br	1244	2			M-S	
1209	6			M	good	1245	3			M	
1210	Blue Rose			M	± Br						
1211	2			M	± Br						
1212	8			M	good	1246	4475-1			M-S	
						1247	2			M-S	
1213	4459-1			M-S	± Br	1248	3			S	
1214	2			M-S		1249	4			M-S	
1215	3			M-S	± Br	1250	Blue Rose			M-S	
						1251	5			M-S	
1216	4461-1			M	good	1252	6			M-S	
1217	2			M-S	good	1253	7			M	
1218	3			M-S	± Pl	1254	4476-1			S	Br
1219	4			M	± good	1255	2			M-S	
1220	Caloro					Bozu X Blue Rose					
1221	4463-1			M		1256	4478-1			M-S	Br
1222	2			M-S	± Br						
						1257	4479-1			S	
1223	4464-1			M							
						1258	4483-1			M-S	
1224	4465-1			M-S							
						1259	4488-1			M-S	± Br
1225	4466-1			RP M	± Br. Prob. nat. color	1260	Bozu				
						1261	4491-1			S	
1226	4468-1			R.P. M	Prob. nat. color						
1227	2	P.		M	Prob. nat. color	1262	4493-1			M-S	
						1263	2			M	
1228	4469-1			M	± Br	Edith X Blue Rose					
1229	2			M	± Br.	1264	4494-1			M-S	Br
1230	Blue Rose			M	± Br						
1231	3			M	± Br						
1232	4			M.	± good	1265	4495-1			M	
1233	5			M-S	± Br	1266	2			M	± Pl
1234	6			M.		1267	3			M-L	good
1235	7			M-S	Br	1268	4			M	
1236	8			M-S	good						
						1269	4496-1			M	
1237	4497-1			M-S	± Br	1270	Blue Rose			M	
						1271	2			M	
1238	4498-1			M		1272	3			M	
						1273	4			M	
1239	2			M-S							
1240	Caloro			M		1274	4499-1			M-S	± Br
1241	3			M							
1242	4			M-S							

No.	Date	Sex	Length	Remarks	No.	Date	Sex	Length	Remarks
1275	4501-1	M		± Br	1311	4509-1	L.		
1276	2	M			1312	2	L.		Round
1277	3	M		± Br	1313	3	L.		± Round
1278	4	M			1314	4511-1	L.		± Br
1279	4512-1	M-L			1315	4512-1	M		Bl. Rose
1280	edit	M			1316	2	M-L		
1281	2	M			1317	3	M		Bl. Rose
1282	4501-1	M			1318	4	M		" "
1283	2	M			1319	5	M		" "
1284	3	M			1320	edit	L.		
1285	4	M			1321	6	L.		
1286	4502-1	M			1322	4513-1	M-L		± Br.
1287	2	M			1323	2	L.		
1288	3	M			1324	4514-1	L.		± Br
1289	4503-1	L.			1325	4515-1	L.		
1290	Blue Rose	L.			1326	4516-1	M		Bl. Rose
1291	2	L.		Round	1327	4517-1	M-L		± Br
1292	3	L.			1328	4518-1	M		Br.
1293	4	L.			1329	2	L.		± Br
1294	5	M-L			1330	Blue Rose	M.		Bl. Rose
1295	6	L.			1331	3	M-L		
1296	4504-1	M		± Br	1332	4	M		Bl. Rose
1297	2	L.			1333	5	M		
1298	3	M		± Br	1334	4519-1	M		Bl. Rose
1299	4	M-L			1335	4520-1	M-L		
1300	edit	M-L		± Br	1336	2	L.		
1301	4505-1	M-L			1337	4521-1	M		
1302	2	M-L			1338	2	M-L		
1303	4506-1	M		Bl. Rose - good	1339	3	M		
1304	2	L.			1340	edit	M		± Br.
1305	4507-1	M-L			1341	4	M		
1306	2	L.			1342	5	M		Bl. Rose
1307	3	M							
1308	4508-1	M-L		± Br.					
1309	2	L.							
1310	Blue Rose								

	ann type	color shades	age	height	remarks		ann type	color shades	age	height	remarks
1377	4533-1			M-L	± Br	1414	4543-1	Sh.		L.	
1378	2			M-L	± Br	1415	2			M	Bl. Rose
1379	3			M		1416	3	Sh.		M	Bl. Rose
1380	edit			M	Bl. Rose	1417	4			M	Bl. Rose
1381	4			M	" "	1418	5	Sh.		M	
1382	5			M		1419	2			M	Bl. Rose
				Blue Rose X Carolina Gold							
1383	4539-1			M							1420 Carolina gold
1384	2			M		1421	4549-1	Sh.		M	
1385	3	Sh.		M		1422	2			M	
1386	4			M							
1387	5			M		1423	4551-1	Sh.		M	
1388	6	Sh.		M	Bl. Rose	1424	2	Sh.		M	
						1425	3	Sh.		M-L	± Br
1389	4541-1			M		1426	4	Sh.		M	Bl. Rose
1390	Blue Rose			M		1427	5	Sh.		M	
1391	2	Sh.		M							
1392	3	Sh.		M		1428	4552-1			M-L	
						1429	2			M	
1393	4542-1			M		1430	Blue Rose			M	Bl. Rose
1394	2			M	Bl. Rose	1431	3				
1395	3			M-S	" "						
1396	4	Sh.		M		1432	4553-1			M	
1397	4543-1	Sh.		M	Bl. Rose	1433	4554-1			M-L	
1398	2	Sh.		M	Bl. Rose						
						1434	4555-1			M-L	
1399	4544-1	Sh.		M		1435	2			M-L	
1400	edit Carolina Gold			M		1436	3			M-L	
1401	2			M		1437	4			L.	
						1438	5			M-L	
1402	4545-1			M-L		1439	2			M-L	± Br.
1403	2			M-L		1440	Carolina Gold			M-L	
1404	3			M		1441	7			L.	± Br
1405	4			M	Bl. Rose	1442	8				
1406	5	Y		M-L							
1407	6			M-L		1443	4559-1	Sh.		M	Bl. Rose
1408	7			M-L	± long	1444	2	Sh.		M	"
						1445	3	Sh.		M	"
1409	4547-1			M-L	± Br	1446	4	Sh.		M	± Br
1410	Blue Rose			M-L		1447	5	Sh.		M-L	
1411	2			M-L		1448	6	Sh.		M	
1412	3			M-L							
1413	4			M-L		1449	4552-1	Sh.		M-L	
						1450	Blue Rose			M	
						1451	2	Sh.			

Number		Color	Sex	Length	Remarks	Number		Color	Sex	Length	Remarks
1452	4562-3		♀	M-L		1489	4572-1		M		Bl. Rose
1453	4		♀.	M	Bl. Rose	1490	Blue Rose				
1454	5		♀	M			Blue Rose X Delitus				
1455	4563-1		♀.	M		1491	4573-1		L.		
1456	2		♀.	M-L		1492	2	♀.	M		
1457	3		♀.	M	Bl. Rose	1493	3		M		
1458	4564-1			M-L		1494	4574-1		M-L		
1459	2			M-L		1495	2		M-L		
1460	Carolina Gold					1496	3	♀.	M-L		
1461	4565-1		♀.	M-L		1497	4		M		
1462	2		♀.	L.		1498	5	♀	M-L		
1463	3		♀.	M-L	± Br.	1499	4575-1	Y	M		
1464	4566-1			M-L	± Br.	1500	Delitus	♀.	M		
1465	2			M-L		1501	2	± Y	M		
1466	3			M	± Br.	1502	3		M		
1467	4568-1			M	± Br.	1503	4		M		
1468	2			M-L		1504	4576-1		M-L		
1469	3			M		1505	2	Y	L.		
1470	Blue Rose			M-L		1506	4577-1	♀.	M-L		
1471	4			M-L		1507	2	♀.	M		
1472	5			M-L		1508	3	♀.	M		
1473	6			M-L		1509	4578-1		L.		
1474	7			M		1510	Blue Rose		M		
1475	8			M		1511	2		M		
1476	9			M		1512	3		M		Bl. Rose
1477	10			M		1513	4		M		Bl. Rose
1478	4569-1			M	Bl. Rose	1514	4579-1		L.		± Br.
1479	2	♀.		M		1515	2	♀.	L.		
1480	Carolina Gold					1516	3	♀.	L.		
1481	4571-1			M-L		1517	4		L.		± Br.
1482	2			M	Bl. Rose	1518	5	♀.	L.		
1483	3	♀.		M-L		1519	6		M-L		
1484	4			M		1520	Delitus				
1485	5			M	Bl. Rose	1521	4581-1	♀.	M-L		
1486	6			M-L		1522	2	Y	M-L		
1487	7			M		1523	3	Y	M-L		
1488	8	♀.		M							

		color Blume age	Stem length	Remarks			color Blume age	Stem length	Remarks
1524	4582-1		M		1559	4584-1		M	B.L. Rose
1525	2		M	B.L. Rose	1560	Delitus		M	
1526	3		M-L		1561	8		M	
1527	4		M-L		1562	9		M	B.L. Rose
1					1563	4595-1		M	
1528	4583-1	Y	L.		1564	2		M-L	
1529	3		M-L	± Br.	1565	3		M	
1530	Blue Rose		M		1566	4596-1		M-L	
1531	3				1567	2		L	good
1532	4584-1		M		1568	3		L	
1533	2	L.	M	B.L. Rose	1569	4	L.	L	
1534	3		M		1570	Blue Rose			
1535	4585-1	L.	L.		1571	4597-1		M-L	± Br.
1536	4586-1		M-L		1572	2		M-L	
1537	2		M-L		1573	3		M-L	± Br.
1538	4588-1		M	B.L. Rose	1574	4		M	± Br.
1539	4589-1		M	B.L. Rose	1575	4598-1		M-L	± Br.
1540	Delitus		M-L		1576	2		M	± Br.
1541	2				1577	4599-1		M	
1542	4591-1		M		1578	2		M-L	± Br.
1543	2		M		1579	3	Y	M	B.L. Rose
1544	3		M-L		1580	Delitus			
1545	4		M-L		1581	4601-1	Y	M	
1546	4592-1	L.	M-L		1582	2	Y	M-L	
1547	2	L.	M-L		1583	3	Y	M-L	
1548	3	Y	M	B.L. Rose	1584	4602-1	L.	M	B.L. Rose
1549	4	L.	L		1585	2		M	B.L. Rose
1550	Blue Rose				1586	3		M	B.L. Rose
1551	4593-1	L.	L		1587	4603-1		M	
1552	2	Y	L		1588	4604-1	Y	M	B.L. Rose
1553	4594-1		M	B.L. Rose	1589	2	Y	M-L	
1554	2		M	B.L. Rose	1590	Blue Rose			
1555	3		M	B.L. Rose	1591	4605-1		M-L	
1556	4	L.	M	B.L. Rose	1592	4606-1	L.	M	B.L. Rose
1557	5	Y	M	B.L. Rose	1593	2	Y	M	B.L. Rose
1558	6		M	B.L. Rose					

		22	23	24	Remarks			22	23	24	Remarks
1594	4606-2			M-L	B.L. Rose	1628	4622-1			M.	
						1629	2			M	B.L. Rose
1595	4609			L.		1630	Blue Rose			M	B.L. Rose
						1631	3			M	
						1632	4			M	
1596	4611-1			M-L							
1597	2	2.		M-L		1633	4623-1			M	B.L. Rose
1598	3			M-L		1634	2			M	B.L. Rose
1599	4612-1			L.		1635	4624-1			M-L	
1600	Delitus			L.		1636	2			M-L	
1601	2			L.							
1602	3		P	L		1637	4625-1			M	B.L. Rose
1603	4		P	L		1638	2			M	B.L. Rose
1604	4613-1	2.		L		1639	4626-1			M-L	
1605	2			M-L		1640	Honduras			M-L	
1606	3			M-L		1641	2			M-L	
						1642	3			M-L	
						1643	4			M-L	1 Ba.
1607	4614-1			M-L		1644	5			M-L	
1608	2			M-L		1645	6			M-L	
1609	4616-1			M-L		1646	4627-1			L.	
1610	Blue Rose			L.		1647	2			M-L	
1611	2			L.		1648	3			M-L	
1612	3			L.	1 Ba	1649	4			L.	
1613	4			L.		1650	Blue Rose			M-L	1 Ba.
						1651	5			M-L	
1614	4617-1			M	B.L. Rose	1652	6			M-L	
1615	2			M-L							
						1653	4628-1			L	
1616	4619-1			M-L	1 Ba						
1617	2			M-L		1654	4629-1			L	
1618	3			M-L		1655	2			L	1 Ba.
1619	4			M-L		1656	3			M-L	1 Ba.
1620	Honduras			L.							
1621	5			L.							
1622	6			M-L	1 Ba	1657	4631-1			L.	
1623	7			M-L		1658	2			L.	
1						1659	3			M-L	
1624	4621-1			M		1660	Honduras			M-L	
1625	2			M		1661	4			M-L	
1626	3			L.		1662	5			M-L	
1627	4			M-L		1663	6			M-L	
						1664	7			L.	

	Number	Color	Size	Length	Remarks		Number	Color	Size	Length	Remarks
1665	4632-1			M		1703	4643-3			M-L	± Bl.
1666	2			M	Bl. Rose						
				L							
1667	4634-1			L.		1704	4645-1			M-L	± Bl.
1668	2			L.		1705	2			M	
1669	3			L.		1706	3			M	
1670	Blue Rose			L.							
1671	4			L.		1707	4646-1			M-L	
1672	5			L.		1708	2			M-L	± Bl.
1673	6			L.		1709	3			M-L	
						1710	Blue Rose				
1674	4635-1			L.		1711	4			L.	
1675	2			L.		1712	5			M.	Bl. Rose
1676	3			M-L		1713	6			L.	
						1714	7			M-L	
1677	4636-1			M		1715	8			L.	± Bl.
1678	2			M-L							
1679	3			M-L		1716	4651-1			M	Bl. Rose
1680	Honduras			M-L		1717	2			M-L	
1681	4			M-L		1718	3			M-L	
1682	5			M-L		1719	4			L.	
						1720	Fortuna				
1683	4637-1			L							
1684	2			M-L		1721	4652-1			RP L	± Bl.
1685	3			L		1722	2			L.	
1686	4			M-L	± Bl.	1723	3			RP M-L	
1687	5			M	Bl. Rose	1724	4			RP L	
1688	6			M-L		1725	5			RP L	
						1726	6			RP L	
1689	4638-1			L.		1727	7			RP M-L	
1690	Blue Rose			L.		1728	8			RP M-L	
1691	2			L.		1729	9			RP M-L	
1692	3			L.		1730	Imp. Blue Rose			RP L	
1693	4			L.		1731	10				
1694	5			L.							
1695	6			L.		1732	4655-1			L.	
1696	7			M-L	Bl. Rose	1733	2			L.	
						1734	3			RP L	± Bl.
1697	4639-1			M-L	Bl.						
1698	2			M-L	Bl.	1735	4656-1			L	± Bl.
						1736	2			M-L	± Bl.
1699	4642-1			M		1737	3			R M-L	± Bl.
1700	Honduras					1738	4			RP M-L	
1701	4643-1			L	± Bl.						
1702	2			M-L	Bl.	1739	4657-1			R L	
						1740	Fortuna			RP L	
						1741	2				

Year	Plant	Color	Size	Remarks	Year	Plant	Color	Size	Remarks
1742	4657	RP	L		1783	4657	L		
		RP	Y.L		1784	15	L		
1743	4658	RP	Y.L						
1744	2		L	Round	1785	4664	P	L	± Br
1745	3	RP	L		1786	2	P	L	
1746	4		L		1787	3	RP	L	
1747	5	RP	L		1788	4	RP	L	
1748	6	R	L						
1749	7	RP	L		1789	4665	RP	M	
1750	Improved Blue Rose	RP	L		1790	Improved Blue Rose	RP	M-L	
1751	8	RP	L		1791	2	RP	M-L	
1752	9	RP	L	Round	1792	3	RP	L	
1753	10		L	± "	1793	4	RP	L	Round
1754	11		L		1794	5	RP	L	
					1795	6	RP	M-L	
1755	4659		M-L	± Br	1796	7	R	M-L	
1756	2	RP	M-L		1797	8	RP	L	
1757	3	RP	M-L		1798	9	RP	L	
1758	4		M-L						
1759	5		L		1799	4666	RP	M-L	± Br
1760	Fortuna	RR	M-L		1800	Fortuna	RP	M-L	
1761	6				1801	2	R	M-L	± Br
					1802	3		M-L	± Br
1762	4641	RP	L		1803	4	R.P.	M-L	± Br
1763	2	P	L		1804	5	RP	M-L	± Br
1764	3	RP	M	± Br	1805	6	RP	M-L	± Br
1765	4	RP	L		1806	7	RP	M-L	± Br
					1807	8	RP	M-L	± Br
1766	4662	R	M-L	± Br	1808	9	RP	M-L	"
1767	2	R	M-L		1809	10		M-L	"
1768	3	RP	L						
1769	4	P	L		1810	Improved Blue Rose	RP	M-L	
1770	Improved Blue Rose				1811	4669	RP	M-L	
1771	4657		L		1812	2	RP	L	± Br
1772	1		L		1813	3	RP	L	± Br
1773	2		L		1814	4	RP	L	"
1774	4		L	± Br	1815	5	RP	L	
1775	5	M							
1776	6	M-L			1816	4668	R	L	
1777	7	Y.L			1817	2	R	L	
1778	8	M-L			1818	3	R	L	
1779	9	M-L			1819	4	P	L	
1780	Fortuna		L		1820	Fortuna	P	M-L	
1781	11		L		1821	5			
1782	11		L		1822	4669	P	M	± Br

	same year	color apex	size length	Remarks		same year	color apex	size length	Remarks
1823 4621-1		RP	M		1858 4631-1		RP	M-L	± Br.
1824 2		RP	M		1859 2		M		Bh. Rose
					1860 <u>Fortuna</u>		M		" "
1825 4622-1			L.		1861 3		M		
1826 2			L.		1862 4		RP	M	
1827 3			L.	± Br.	1863 5		RP	M	Bh. Rose
1828 4623-1			L	± Br.	1864 6			M-L	
1829 2			M-L		1865 4632-1		RP	M	
1830 <u>Improved Blue Rose</u>					1866 2		RP	M-L	
1831 4624-1		RP	M	Bh. Rose	1867 3			M-L	
1832 2			M	" "	1868 4			L	± Br.
1833 3		RP	M	" "	1869 5		RP	M-L	
1834 4		R	M-L		1870 <u>Improved Blue Rose</u>		RP	M-L	
1835 5		RP	M	Bh. Rose	1871 6		RP	M-L	
#					1872 7		RP	M	
1836 4625-1			M	Bh. Rose	1873 8		R	M-L	
1837 2			M	" "	1874 4625-1		RP	M-L	
1838 3			M-L		1875 2		RP	M-L	
1839 4626-1		RP	L		1876 4624-1			M-L	Bh. Rose
1840 <u>Fortuna</u>		P	L		1877 4625-1			L	
1841 2		P	L		1878 2		RP	L	
1842 3		P	L		1879 3		R	L	
1843 4627-1			L		1880 <u>Fortuna</u>				
1844 2			L	round	1881 4626-1		RP	L	
1845 3 7			L		1882 4627-1		RP	L	
1846 4			L		1883 2		R	L	
1847 5			L	round	1884 3		P	L	
1848 4628-1		RP	M		1885 4628-1		R	M	Bh. Rose
1849 2		RP	M-L		1886 2		R	M	Bh. Rose
1850 <u>Improved Blue Rose</u>		RP	M		1887 3		R	M	"
1851 3					1888 4629-1		R	L	
1852 4		RP	M-L		1889 2			M	
1853 5			M		1890 <u>Improved Blue Rose</u>			M-L	
1854 6			M		1891 3			M-L	
1855 7		R	M-L		1892 4			M-L	± flat
1856 4629-1		I	M	Bh. Rose	1893 4629-1			L	± flat
1857 2			M	" "	1894 2			M-L	Bh.

				Remarks					Remarks
Year	Plant	Color	Height		Year	Plant	Color	Height	
1895	4620-1		M-L	B.L. Rose	1931	4704-1		L	± Br
1896	2		M-L		1932	2		M-L	
1897	4691-1		P M-L		1933	3		M-L	± Br
1898	2		P L		1934	4700-1	P	L	
1899	2		RP L		1935	2	P	L	
1900 Fortuna			P M-L		1936	3	RP	L	
1901	4		P L		1937	4	P	M-L	
1902	5		RP L		1938	6	P	M-L	
1903	4695-1		M-L		1939	4706-1	P	M-L	
1904	2		M	± Br	1940 Fortuna		P	M-L	
1905	3		M-L		1941	2			
1906	4		M-L	± Br	1942	4707-1		L	
1907	4696-1		RP M	B.L. Rose	1943	2		L	
1908	4697-1		P L		1944 Fortuna		± P	P M-L	good. by
1909	2		P M-L		1945 Fortuna		RP	L	Early Prolific
1910 Improved Blue Rose			P M-L		2001	4833-1	RP	L	
1911	3		P M-L		2002	2	RP	M-L	± Br
1912	4698-1		M	± Br	2003	3	RP	M	
1913	2		M-L		2004	4	RP	L	
1914	3		L		2005	5	RP	L	
1915	4699-1		R M-L		2006	6	RP	M-L	
1916	2		RP M-L	± Br	2007	7		M-L	
1917	4700-1		P M		2008	8		L	
1918	2		P M-L		2009	9			
1919	3		P M		2010 Early Prolific				
1920 Fortuna			P M-L		2011	4835-1	RP	L	
1921	4		P M-L		2012	2	R	L	
1922	4702-1		M-L		2013	3		L	
1923	2		RP L		2014	4		L	
1924	3		L	round	2015	5		L	Br
1925	4		RP L		2016	6		M-L	
1926	4703-1		L		2017	7		M	± Br
1927	2		L	± Br	2018	8		L	
1928	3		M-L	± Br	2019	9	RP	M-L	± Br
1929	4		P M	± Br	2020 Fortuna		RP	M-L	
1930 Improved Blue Rose					2021	10	RP	M	
					2022	11		M-L	good
					2023	12		M-L	± Br
					2024	13	RP	L	
					2025	14		M-L	Br
					2026	15			

Spain Jap X Lady Wright

2027 4835-16

L

2028 17

M

2029 18

RP L

2030 19

R M-L

2032 20

RP M

2033 21

RP L

2034 22

RP M

2035 23

M-L

2036 24

L

Storm Proof X ~~Texas~~ Fortuna

2037 4832-1

M

2038 2 B.

L

2039 3 J

M-L

2040 Storm Proof

2041 4

M-L

2042 5 J

M-L

2043 6 J

M

Storm Proof X Spain Jap

2044 4839-1

R M

2045 2 A.

L

2046 3

M-L

2047 4 A.

R M

2048 5

M-L

2049 6

M

2050 Spain Jap

2051 7

M

2052 4841-1

M

2053 2

M-L

2054 3

M

2055 4

M-L

2056 5

M-L

2057 6

L

2058 7

M

2059 8

RP M

2060 Storm Proof

2061 4843-1

M

2062 2 J

M

2063 3

M

2064 4 J

M-L

2065 5 J

M

2066 4845-1

M

2067 2

M

2068 3

RP M

2069 4

M

2070 Lady Wright

2071 5

M-L

2072 6

M

2073 7

M-L

2074 8

M-L

2075 9

M

Texas Fortuna X Wanica

2076 4848-1

R M-L

2077 2 J

G

M-L

2078 3

M-L

2079 4

R M-L

2080 Texas Fortuna

2081 5

G

M-L

2082 6

L

2083 7

G

M-L

2084 8

G

M

2085 9

G

M-L

2086 10

G

M-L

2087 11

M-L

2088 12

R M-L

2089 13

R M-L

2090 Wanica

2091 14

G

L

2092 15

RP M

2093 16

R M

2094 17

RP L

2095 18

P L

2096 19

G

M

2097 20

RP L

2098 21

M-L

2099 22

G

L

2100 Texas Fortuna

2101 23

R L

2102 24

RP M-L

2103 25

M

2104 26

R M-L

W = white

Row	Plant	Color	Length	Remarks
2105	487-22	G	M-L	
2106	28		M-L	
2107	29	G	M-L	
2108	30		L	
2109	31		M-L	
2110	Wanica	G	L	
2111	32		L	
2112	33	RP	L	
2113	34		L	
2114	35	G	L	
2115	36	W	M	Br
2116	37	W	M-L	
2117	38	W	M	
2118	39	W	M-L	
2119	40	W	M-L	
2120	Texas Fortuna	W	M-L	
2121	41	W	M-L	
2122	42	W	L	
2123	43	W	M-L	Br
2124	44	W	L	
2125	45	W	M-L	
2126	46	W	M-L	
2127	47	W	L	
2128	48	W	M-L	
2129	49	W	M-L	
2130	Wanica	W	M-L	
2131	50	W	M-L	
2132	51	W	L	
2133	52	W	M-L	Br
2134	53	W	M-L	"
2135	54	W	L	
2136	55	W	L	
2137	56	W	M-L	
2138	57	W	M-L	
2139	58	W	L	
2140	Texas Fortuna	W	L	
2141	59	W	L	
2142	60	G	M-L	
2143	61	G	M	
2144	62	G	L	
2145	63	W	M-L	
2146	64	W	M-L	
2147	65	W	L	
2148	66	W	M-L	
2149	67	W	L	
2150	Wanica	W	L	
2151	68	W	L	
2152	4845-69	G	M-L	
2153	70	W	M-L	
2154	71	G	L	
2155	72	G	L	
2156	73	G	M-L	
2157	74	G	M-L	Br
2158	75	G	M	
2159	76	G	M-L	
2160	Texas Fortuna	G	M-L	
2161	77	G	M-L	Br
2162	78	G	M	
2163	79	W	M-L	
2164	80	W	M-L	
2165	81	W	L	
2166	82	W	L	
2167	83	W	L	

Selections from bulbed-hybrid population of cross Imp. Bl. Rose x Fortuna. Ripened by Aug 20. medium height plant, medium amount leaf spot, good heavy straw.

Row 4875 I P P M-L good type to be planted with other Bl. Rose x Jint. selections

Edith selections from Bay City Texas

5001	1	L.
↓	2	L.
	3	M-L
	4	L.
	5	L.
	6	L.
	7	L.
	8	L.
	9	L.
	10	L.
	11	M-L
	12	L.
	13	M-L
	14	L.

+ flat

	awn type	color bluish	grain length	Remarks
15	15		L	
16	16		L	
17	17		M	good B.R. type
18	18		L	
19	19		L	
20	20		M-L	
21	21		M-L	
22	22		L	
23	23		L	
24	24		M	
25	25		L	
26	26		L	
27	27		L	
28	28		L	
29	29		L	
30	30		L	
31	31		M-L	
32	32		L	
33	33		M-L	
34	34		M-L	± Broad
35	35		L	

These Edith selections were collected from a field of Edith rice near Bay City, Texas that had a lot of straight head in it. The panicles selected were from fertile panicles in the worst patches of straight head. The types vary from long to medium grain types. The pubescence on glumes varies greatly. The breadth of kernels also varies considerably.

	awn type	color bluish	grain length	Remarks
Texas Fortuna selections from 1932 field plot experiments.				
36	1	RP	L	Round
37	2	P	M	
38	3	P	M	
39	4	RP	L	
40	5	P	M-L	
41	6	R	L	
42	7	RP	L	
43	8	RP	L	
44	9	RP	L	
45	10	P	M-L	
46	11	RP	L	
47	12	RP	L	± slender
48	13	RP	L	

From repl. plot (Fortuna plot).
August 16 & 15, respectively.
49 14 RP L
50 15 P M

Selected from 1932 nursery row no 52 (Texas Fortuna) earlier maturing than other Fortuna plants. Matured by Aug. 31. Rather short straw.
51 16 P M-L mature 8/31
52 17 P M-L mature 8/31

Lady Wright Selections

53 1 Fortuna type from Ws. plot in repl. plot that mature Aug. 18. Long grain purple color, good type.
54 2 Long, colorless.
55 3, Purple glumes, mid length, ripe August 24.

Left Page				Right Page			
Age	Sex	Remarks	Remarks	Age	Sex	Remarks	Remarks
56	501-1	Kiranyon	S	89	1431-1	No 241 A(P) 31-2	M
57	2		M	90	2		M-L
58	3		M-S	91	3		M
				92	4		M-L
59	516-1	Nagayon	M	93	5		M
60	2		M-S	94	6		M
61	3		M				
				95	1432-1	Early Prolific	M-L
62	517-1	Piniling Daniel	M-S	96	2		M-L
63	2		M-S	97	3		M-L
64	3		M-S	98	4		M-L
65	4		S	99	5		M-L
				100	6		L
66	520-1	Kabo-ong	RP M	101	7		M-L
67	2		RP M	102	8		L
68	3		RP M				
				103	1433-1	Early Blue Rose	M
69	1427-1	No. 243A 5-8	M	104	2		M-L
70	2		M	105	3		M-L
71	3		M	106	4		M-L
72	4		M	107	5		M-L
73	5		M-L	108	6		M
74	6		M-L	109	7		M-L
75	7		M-L	110	8		M-L
76	1429-1	No. 243A 5-9	M	111	1434-1	Guininto	M-L
77	2		M	112	2		M-L
78	3		M	113	3		M-L
79	4		M	114	4		M-L
80	5		M-L	115	5		M-L
81	6		M-L	116	6		M-L
82	7		M	117	7		L
				118	8		M-L
83	1436-1	No 24WB 30	M				
84	2		M	119	1436-1	Early Prolific	M-L
85	3		M	120	2		M-L
86	4		M	121	3		M
87	5		M	122	4		M-L
88	6		M	123	5		M-L
				124	6		M-L
				125	7		M-L

		^{name} type	^{del} age	^{length} length	Remarks			^{name} type	^{del} age	^{length} length	Remarks
126	1445-1	Blue Rose	Supra	M		161	1464-1	Lady Wright	del 2	L.	
127	2			M							
128	3			M		162	1465-1	"	del no 8	L.	
129	4			M							
130	5			M		163	1466-1	"	del no. 13	L.	
131	1451-1	Tinoco		M		164	1467-1	"	del no. 14	L.	± Br.
132	2			M							
133	3			M		165	1468-1	"	del no. 16	L	
134	4			M							
135	5			M		166	1472-1	no. 32		L	
136	1457-1	Edith		L		167	1473-1	no. 30		L	
137	2			L							
138	3			L		168	1506-1	T. Forte	del 1 P	L	
139	4			M-L							
140	5			L.		169	1507	"	del 4 P	L	
141	6			L.							
142	1458-1	Mortgage	Lifter	L.		170	1508	"	del 7 P	L	
143	2			L.							
144	3			L.		171	1509	"	del 15 P	L	
145	4			L.							
146	5			L.		172	1510	"	del 17 P	L	
147	6			L.							
148	7			L.		173	1511	"	del 20 P	L	
149	8			L.							
150	9			L.		174	1513	"	del 23 P	L	
151	10			L.							
152	1459-1	Storm Proof		M-L		175	1514	"	del 24 P	L	
153	2			M-L							
154	3			L.		176	1515	"	del 26 P	L	
155	4			L.							
156	5			L		177	1516	"	del 27 P	L	
157	6			M-L							
158	7			L.		178	1517	"	del 29 P	L.	
159	1461-1	Lady Wright		L							
160	1462-1	L. Wright	del 1	L		179	5001	Calora	Lady Wright	M-L	
						180		Calora			
						181	5004			L	
						182	5012			M	
						183	13			L	
						184	19			M-L	

Age	Length	Sex	Remarks	Age	Length	Sex	Remarks
185	5025	L		232	5121	L	
186	24	M-L	± Br.	233	25	M	
187	26	M		234	31	M-L	
188	27	M-L		235	48	L	
190 Lady Wright		L		236	32	L	
189	32	M		237	49	M-S	
191	35	M		240 Caloro		M-L	
192	39	M-L		238	50	L	
193	41	L		239	52	L	
194	42	L		241	53	M-L	
195	44	L		242	54	L	
196	47	M-L	± Br.	243	55	L	± Br.
197	51	M		244	58	L	± "
200 Caloro		M-S		245	62	L	
198	53	L		246	63	L	
199	54	L		247	64	L	
201	55	L		250 Lady Wright		M-L	Br.
202	56	L		248	65	L	
203	57	M-L		249	66	M	± Br.
204	63	L		251	67	M	
205	66	L		252	69	M	
206	67	M-L		253	73	M	
207	68	L		254	75	M	± Br.
210 Lady Wright		L		255	78	M-S	Br.
208	72	L		256	81	M-L	
209	73	M-L		257	80	M-L	
211	74	L		260 Caloro		M-L	
212	78	M-L		258	93	M	
213	79	L		259	99	M	± P
214	81	L		261	5202	M	
215	82	L		262	14	M	
216	86	M-L	± Br.	263	12	M	
217	88	M-L		264	17	M-L	Br.
220 Caloro		L		265	18	M	± Br.
218	89	L		266	22	M-L	
219	91	M-L	± Br.	267	35	M-S	± Shaded
221	93	L		270 Lady Wright		M-L	
222	94	L		268	49	M-L	Caloro x L. Wright
223	97	L		269	51	M-L	
224	5102	L		271	54	M-L	
225	4	L		272	61	M	
226	6	M-L		273	68	L	
227	9	M	± Br.	274	71	M-L	
230 Lady Wright		M-L		275	76	M-L	
228	8	M-L		276	84	M	
229	11	M-L		277	85	M	
231	16	M-L		280 Caloro		M-L	
				278	89	M	
				279	91	M	± Br.

	age	Sex	Age	Length	Remarks		age	Sex	Age	Length	Remarks
281	52	94		M	+ Br	325	56	45	RP	M	
282	99			M-L		329	Lady Wright	RP	M		
283	95			M		331	49	RP	M		
284	99			M-L		332	64	RP	L		
285	53	09		M							
286	24			M							
287	32			L							
290	Lady Wright			M-L							
288	52			M							
289	58			M							
291	59			M-L							
292	65			M							
293	68			M							
294	71			M-S	Br						
295	73			M-L							
296	74			L							
297	83			M-L							
298	86			M							
300	Colusa			M-L							
299	89			M-L							
301	92			M-L	Br						
302	95			M-S	Br						
303	54	05		M-L	+ Br						
304	6			M-L							
305	7			M							
306	11			M-L							
307	13			L							
308	19			M-L	+ Br						
310	Lady Wright			L							
309	22			M	+ Br						
311	31			M	+ Br						
312	33			M							
313	34	38		M	+ Br						
314	51			M-S	Br						
315	63			M-L							
316	56	19-1	G	RP	L						
317	19-2		W	R	L						
318	22		G		L						
320	Colusa			RP	L						
319	23			RP	L						
321	24			RP	L						+ slender
322	25			RP	L						
323	26		G	RP	L						+ slender
324	28		G	RP	L						+ slender
325	32		G		L						
326	46-1			RP	L						
327	2			RP	M						

F₁ generation grown in pathology greenhouse

Grain notes on F₁ hybrids for growing F₂ populations in 1933

Cross no	Cross	awn type	color lemma	color palea	apic. awns	length	Remarks
321A1	Rexro x Delatus	short tips	gold	colorless	RP	long slender	grain slightly pubescent as Delatus, longer and more slender than Rexro. As long or slightly longer than Rexro. glume color slightly discolored
321A2	do	few short tips	gold	colorless	RP	long slender	Same as A1.
322A2	Rexro x Isabel Fortuna	short tips	colorless	P	P	long slender	grain same length as Rexro slightly thicker. Intermediate between parents in this respect. glume colorless but discolored
322A3	do	few tips	colorless	P	P	long + sl.	do
322A4	do	few tips	colorless	P	P	long + sl.	do
323A1	Rexro x Supreme Blue Rose	few long tips	colorless		Rp	long	glume color intermediate, grain slightly longer than B.R. but shorter than Rexro. Intermediate in thickness of grain.
323A2	do	do	do		Rp	do	do. 1 off type kernel. B.R. type.
323A3	do	do	do		RP	do	similar to A1 & A2 except for reddish purple apiculus
323A4	do	do	do			do	similar to A1
323A5	do	do	do		Rp	do	similar to A3
324A1	Rexro x C.I. 5094	very few sh. tips	gold	colorless	Rp	long sh.	lemma + palea slightly pubescent as C.I. 5094. reddish purple of apiculus not as prominent as in C.I. 5094
324A2	do	do	do	do	do	do	do
324A3	do	few tips	do	do	do	do	do
324A4	do	few sh. tips	do	do	do	do	do
324A5	do	do	do	do	do	do	do
325A1	Rexro x C.I. 5810	few tips	colorless	colorless	Rp	long slender	lemma + palea are colorless but have a slightly discolored or darkened appearance. Very nearly as long as Rexro and slightly broader grain. Resembles C.I. 5810 in having heavy nerves on lemma and palea.
325A2	do	tips	do	do	do	do	do
326A1	Rexro x C.I. 5947	few tips	colorless	colorless	Rp	long slender	grain slightly longer and more slender than Rexro. Two kernels have yellowish gold lemma + palea. Mostly sterile.
326A2	do	do	do	do	do	do	3 kernels yellowish gold, one colorless. similar to A1.
327A1	Rexro x C.I. 6018	awned	colorless	few	Rp	long slender	Slightly longer than Rexro, not as slender as C.I. 6018. Almost entirely awned. Lemma + palea slightly discolored appearance
327A2	do	few awns	do	do	do	do	Similar to A1 with exception of fewer and shorter awns

Summer of 1932+33, Fayetteville, Arkansas

planted in nursery at Bent, 1933.

Parent	Awn type	color				Grain length	Remarks
		lemma palea	outer glumes	apic.	AWIS		
Rexoro	few tips	gold	color- less	—	—	long slender	
Delitus	very few sh tips	gold	colorless	Rp	—	± long slender	Shorter and slightly broader kernel than Rexoro.
Texas Fortuna	do	color- less	P	P	P	long	
Supreme Blue Rose	o	do	color- less	color- less	—	medium	
C.I. 5094	o	light gold	color- less	Rp	—	long slender	Lemma and palea slightly lighter shade of gold than Rexoro, grain somewhat shorter.
C.I. 5810	very few tips	brownish gold	color- less	—	—	medium slender	Lemma and palea heavily nerved. considerably shorter and slightly broader than Rexoro.
C.I. 5947	very few sh tips	color- less	color- less	color- less	—	long slender	
C.I. 6018	tips	yellowish gold	color- less	Rp	—	very long very slender	Grain longer and more slender than Rexoro.

1933-Crop.

1933 Row No.	Height No.	anno	(L & P) glume	apic.	gr. length	Remarks.		anno	(L & P) glume	apic.	gr. length	Remarks
1	283A1-1-1-1				L		41	283A1-4-9-1			L	
2	2-1				L		42	10-1			L	
3	3-1				L		43	11-1			L	
4	4-1			P	L		44	283A2-1-1-1			L	
5	5-1			P	L		45	2-1			L+	
6	6-1			RP	L		46	3-1			L	
7	-2				L		47	283A2-2-1-1			L	
8	7-1				L		48	2-1			L	
9	8-1			P			49	3-1			L+	
10	Edith						50	Edith				
11	2-1-1				L		51	283A2-3-1-1			L+	
12	2-1				L		52	2-1			L	
13	3-1				L		53	3-1			L	
14	4-1				L		54	283A2-4-1-1			L	
15	5-1				L		55	2-1			L	
16	6-1				L		56	3-1			L	
17	7-1				L		57	4-1			M	
18	8-1				L		58	5-1			L	
19	283A1-3-1-1			RP	L		59	283A2-5-1-1			L	
20	Fortuna						60	Fortuna				
21	-2				L		61	283A2-5-2-1			L	
22	283A1-3-2-1			P	L		62	283A2-5-3-1			L	
23	3-1			P	L		63	4-1			L	
24	4-1			R	L		64	5-1			L	
25	-2				L		65	6-1			L	
26	5-1				L		66	7-1			L	
27	6-1			P	L		67	283A2-6-1-1			L	
28	7-1			RP	L		68	283A2-6-2-1			L	
29	-6-1			RP	L		69	283A2-6-3-1			L	
30	Edith						70	Edith				
31	9-1				L		71	283A2-7-1-1			L	
32	4-1-1				L	Cylindrical	72	283A2-7-2-1			L	
33	2-1				L		73	283A2-7-3-1			L	
34	3-1				L		74	4-1			L	
35	4-1				L		75	5-1			L	
36	5-1				L		76	6-1			L	
37	6-1				L		77	283A2-8-1-1			L	
38	7-1				L		78	283A2-8-2-1			L	
39	8-1				L		79	283A2-8-3-1			L	
40	Fortuna						80	Fortuna				

This family all
↑ cylindrical grain

		are (L.P.) glumes apic Length	gr.	Remarks			are (L.P.) glumes apic Length	gr.	Remarks
81	283A2-8-4-1		L		121	283A3-4-6-1		L	
82	5-1		L		122	283A3-5-1-1		L	
83	6-1		L		123	2-1		L	
84	7-1		L		124	3-1		L	
85	8-1		L		125	4-1		L	
86	9-1		L		126	5-1		L	
87	283A2-9-1-1		L		127	6-1		L	
88	283A2-9-2-1		L		128	7-1		L	
89	283A2-9-3-1		L		129	8-1		L	
90	<i>Colith</i>				130	<i>Colith</i>			
91	283A2-9-4-1		L		131	283A3-6-1-1		L	
92	5-1		L		132	283A3-6-2-1	A.P.	L	
93	6-1		L		133	3-1		L	
94	7-1		L		134	4-1		L	
95	8-1		L		135	5-1		L	
96	283A2-10-1-1		L	} <i>good</i>	136	283A3-7-1-1		L	
97	283A2-10-2-1		L		137	2-1		L	
98	283A2-10-3-1		L		138	3-1		L	
99	283A3-2-1-1		L		139	4-1		L	
100	<i>Fortuna</i>				140	<i>Fortuna</i>			
101	283A3-2-2-1		L		141	283A3-7-5-1		L	
102	283A3-2-3-1		L		142	6-1		L	
103	4-1		L	<i>Broad</i>	143	8-1		L	
104	5-1		L	<i>± Br.</i>	144	283A4-1-1-1		M	<i>± Flat</i>
105	6-1		M		145	2-1		M	<i>± Flat</i>
106	7-1		M		146	3-1	±A	M	
107	283A3-3-1-1		L		147	283A4-2-1-1		M	
108	2-1		L		148	2-1		M	<i>± Flat</i>
109	283A3-3-3-1		L		149	3-1		M	
110	<i>Colith</i>				150	<i>Colith</i>			
111	283A3-3-4-1		L		151	283A4-2-4-1		M	
112	5-1		L		152	5-1		M	
113	6-1		R. M		153	6-1		P. M	
114	283A3-4-1-1		L		154	283A4-3-1-1	T	R. M-S	
115	2-1		L		155	2-1		M-S	<i>Broad</i>
116	283A3-4-3-1		L		156	4-1		M	"
117	3-2	±P P	M		157	6-1		M	"
118	283A3-4-4-1		L		158	7-1	±A	P. M	
119	5-1		L		159	7-2		M	
120	<i>Fortuna</i>				160	<i>Fortuna</i>			

		(L+P) ann glume	gr. apic length	Remarks			(L+P) ann glume	gr. apic length	Remarks
161	283A4-4-1-1		S	F lat	201	283A5-3-1-1	RP	L	
162	2-1		M	good shape	202	2-1	R.P	L	
163	3-1		M	"	203	3-1	R.P	L	
164	4-1		M-S	± F lat	204	4-1		L	
165	4-2		M	Broad	205	5-1		L	
166	283A4-5-1-1		M	± F lat	206	6-1		L	
167	4-1		M		207	7-1	RP	L	
168	4-2		M-S		208	8-1	R.P	L	
169	5-1	±P	P	M Shatters	209	9-1		L	
170	Edith				210	Edith			
171	283A4-6-1-1		M-L		211	283A5-3-11-1	RP	L	
172	2-1	P	P	M F lat	212	12-1	RP	L	
173	2-2		M-S	"	213	13-1		L	
174	283A4-6-3-1	P	P	S	214	13-2		L	
175	4-1		P	M	215	14-1	R.	L	
176	4-2		P	M	216	283A5-4-1-1	RP	L	
177	5-1		P	L	217	2-1	R.P	L	
178	6-1		RP	M F lat	218	3-1	RP	L	
179	7-1		P	M-S	219	4-1		L	
180	Fortuna				220	Fortuna			
181	283A5-1-1-1		RP	L	221	283A5-4-5-1	RP	L	
182	2-1		P	L	222	6-1		L	
183	3-1		RP	L	223	7-1		L	
184	4-1		RP	L	224	8-1	R.P	L	
185	5-1		RP	L	225	9-1	R.	L	
186	6-1		R.	L	226	9-2		L	
187	7-1		RP	L	227	10-1		L	
188	8-1		L		228	10-2	R.P	L	
189	283A5-2-1-1		L		229	283A5-5-1-1	R.P	L	
190	Edith				230	Edith			
191	283A5-2-1-2		M	± F lat	231	283A5-5-2-1	RP	L	
192	283A5-2-2-1		RP	L	232	3-1	RP	L	
193	3-1		RP	L	233	5-1		L	
194	4-1		R.	L	234	6-1		L	
195	5-1		R.	L	235	7-1	RP	L	
196	6-1		R.P	L	236	283A5-6-1-1	A.P	L	
197	7-1		R.	L	237	2-1	R.	L	
198	8-1		L		238	3-1	R.P	L	
199	9-1		RP	L	239	4-1	R.P	L	
200	Fortuna				240	Fortuna			

(24P)				Remarks	(24P)				Remarks
anno	glans	apic	length		anno	glans	apic	length	
241	283A5-6-5-1	R.P	L		281	283A5-9-1-2		L	
242	6-1	R.P	L		282	2-1		L	
243	7-1	R.P	L		283	2-2		L	
244	8-1	R.P	L		284	3-1	R.P	L	
245	9-1	R.P	L		285	4-1		L	
246	10-1	R.	L		286	5-1		L	
247	11-1	R.	L		287	6-1	R.P	L	
248	12-1	R.	L		288	7-1	R.P	L	
249	283A5-7-1-1		L		289	7-2	R.P	L	
250	Edith				290	Edith			
251	283A5-7-2-1		L		291	283A5-9-8-1		L	
252	2-2		L		292	9-1		L	
253	3-1	R.P	M		293	9-2	R.	L	
254	3-2		L		294	10-1	R.P	L	
255	4-1		L		295	11-1	R.P	L	
256	4-2		L		296	283A5-10-1-1		L	
257	5-1		L		297	2-1		L	
258	6-1		M		298	3-1		L	
259	7-1		L		299	4-1		L	
260	Fortuna				300	Fortuna			
261	283A5-7-7-2		M		301	283A5-10-5-1		L	
262	8-1		L		302	6-1		L	
263	9-1		L		303	6-2		L	
264	9-2		L		304	7-1		L	
265	283A5-8-1-1	R.	M		305	8-1		L	
266	2-1		L		306	9-1		L	
267	3-1		L		307	10-1		L	
268	4-1		L		308	10-2		L	
269	5-1		L		309	11-1		L	
270	Edith				310	Edith			
271	283A5-8-6-1	R.P	L		311	283A5-10-12-1		L	
272	7-1	R.	L		312	13-1		L	
273	8-1	R.	L		313	13-2		L	
274	8-2	R.P	L		314	283A5-11-1-1	R.P	L	
275	9-1	R.	L		315	1-2	R.P	L	
276	10-1	R.	L		316	2-1	R.P	L	
277	11-1		L		317	3-1	R.P	L	
278	12-1	R.P	L		318	4-1	R.P	L	
279	283A5-9-1-1		L		319	5-1	R.P	L	
280	Fortuna				320	Fortuna			

good quality type

		(Z+P) auro glauc apic	gr. length	Remarks			(Z+P) auro glauc apic	gr. length	Remarks
321	283A5-12-1-1		L		361	283A6-3-1-1	T	R.	M Flat
322	2-1		L		362	2-1	T		M
323	2-2		L		363	3-1			M ± Flat
324	3-1		L		364	5-1			M good gr. type
325	4-1		L		365	6-1	T		M
326	5-1		L		366	6-2	±A		L
327	283A5-13-1-1	R.P.	L		367	8-1		R.P.	M
328	2-1		L		368	283A6-4-1-1			M-L
329	3-1	R.P.	L		369	1-2			L
330	Edith				370	Edith			
331	283A5-13-4-1	R.P.	L		371	283A6-4-2-1		R.P.	M-L
332	5-1	R.P.	L		372	5-1		R.P.	L
333	6-1	R.P.	L		373	6-1		R.P.	L
334	283A6-1-1-1		L		374	7-1			L
335	2-1	R.P.	L		375	8-1			M
336	3-1		M	Flat	376	9-1		R.P.	L
337	3-2		M-S	± Flat	377	283A6-5-1-1	±P	P.	L
338	3-3		M		378	2-1		P.	M
339	4-1	R.P.	L		379	4-1			L
340	Fortuna				380	Fortuna			
341	283A6-1-4-2	R.P.	L		381	383A6-5-5-1			M good
342	5-1		L		382	283A6-6-1-1		P	L
343	5-2		L		383	2-1	±P	P	L
344	6-1	R.P.	L		384	283A6-7-1-1			L
345	6-2	R.P.	L		385	2-1			M good type
346	7-1		L		386	3-1			L
347	8-1		L		387	4-1		R.	M Good
348	9-1		M	Flat	388	7-1			M
349	9-2		M		389	10-1			L
350	Edith				390	Edith			
351	283A6-2-1-1		M-S		391	283A6-8-2-1			M-L
352	2-1	R.P.	L		392	3-1			M-L
353	3-1		M		393	5-1			M Flat
354	3-2		M	Flat	394	283A6-9-1-1			M-L
355	6-1	R.P.	L		395	283A8-1-2-1			M good type
356	7-1	R.P.	M	± Flat	396	283A8-3-3-1	T		M-L
357	7-2	R.P.	M	± Flat	397	4-1	±A	±P	P
358	8-1		L		398	4-2			M
359	9-1		M		399	283A9-1-2-1		±P	P
360	Fortuna				400	Fortuna			

		24P	gus	apic	Length	Remarks
ann		glance				
401	283A9-1-4-1	±P	P	L		
402	5-1		RP	L		
403	6-1		P	L		
404	283A9-2-2-1		R	L		
405	3-1			L		
406	4-1		R.P	L		
407	5-1			L		
408	6-1			L		
409	7-1		R	L		
410	Edith					
411	283A9-3-1-1			L		
412	2-1			L		
413	3-1		M		± Broad	
414	4-1			L		
415	5-1			L		
416	5-2			L		
417	6-1			L		
418	283A9-4-1-1			L		
419	2-1		P	L		
420	Fortuna					
421	283A9-4-3-1			L		
422	3-2			L		
423	4-1			L		
424	5-1			L		
425	6-1		M-L			
426	6-2		R.P	L		
427	283A9-5-1-1			L		
428	2-1			L		
429	3-1			M-L		
430	Edith					
431	283A9-6-1-1		P	L		
432	1-2		R.P	L		
433	2-1			L		
434	3-1			L		
435	4-1		R.P	L		
436	4-2		R.P	L		
437	283A9-7-1-1		P	L		
438	2-1		R.P	L		
439	3-1			L		
440	Fortuna					

		24P	gus	apic	Length	Remarks
ann		glance				
441	283A9-7-4-1		RP	M		
442	4-2			L		
443	5-1		RP	L		
444	6-1		R.P	L		
445	7-1			L		
446	8-1		R.P	L		
447	9-1		R.P	L		
448	10-1			L		
449	283A10-1-1-1		P	L		
450	Edith					
451	283A10-1-1-2		P	L		
452	2-1		P	L		
453	3-1			L		
454	4-1		R.P	L		
455	5-1			L		
456	283A10-1-6-1		P	M	Flat	
457	6-2		RP	L		
458	7-1		RP	L		
459	8-1		RP	L		
460	Fortuna					
461	283A10-1-9-1		RP	L		
462	10-1		RP	L		
463	283A10-2-1-1		RP	L		
464	1-2		RP	M	± Flat	
465	2-1		RP	L		
466	4-1			M		
467	283A10-2-5-1			M-L		
468	283A10-3-1-1			M	good	
469	2-1			M	good	
470	Edith					
471	283A10-3-3-1			M-L		
472	4-1			M-L		
473	5-1			L		
474	6-1			M		
475	283A10-4-1-1			M		
476	2-1			M		
477	283A10-4-3-1			M		
478	283A10-6-1-1		R	M	± Flat	
479	2-1		R	M	Flat	
480	Fortuna					

383A = 434 selections.

Br = broad
ch = thick
Fl = flat

291A = Edith x Calvo, 87 ad

		(24P) ano glume apic Ingt	Remarks			(24P) ano glume apic Ingt	Remarks
481	283A10-6-3-1	L		521	291A11-4-2	M	
482	283A10-7-1-1	R.P. M-L		522	291A11-5-1	M-L	
483	291A1-1-1	M		523	5-2	M-L	± Flat
484	2-1	M	4 Broad	524	5-3	M-L	
485	3-1	M	Broad	525	291A14-1-1	M	
486	291A3-1-1	M-L		526	291A15-1-1	M	± Flat
487	1-2	M		527	2-1	M	
488	2-1	M	± Flat	528	2-2	M	
489	3-1	M-L		529	3-1	M	good
490	Edith			530	Edith		
491	291A3-3-2	M	Flat	531	291A15-3-2	M-L	
492	5-1	M		532	291A16-1-1	S	
493	6-1	M	± Flat	533	2-1	M	
494	291A4-1-1	M	± "	534	2-2	M	
495	-2-1	M	± "	535	3-1	M	
496	3-1	M	± "	536	4-1	M	
497	3-2	M	Flat	537	4-2	M-L	
498	291A5-1-1	M		538	5-1	M	± Flat
499	1-2	M	Flat	539	5-2	M-L	± "
500	Calvo			540	Calvo		
501	291A5-2-1	M	Flat	541	291A16-5-3	M-L	
502	3-1	M		542	6-1	M-L	
503	4-1	M		543	6-2	M	
504	291A6-1-1	M-L	± Flat	544	7-1	M-L	
505	2-1	M-S		545	8-1	M-L	thick
506	291A7-1-1	M-S		546	8-2	M-L	
507	2-1	M	± Flat	547	9-1	M-L	
508	291A9-1-1	M-L		548	9-2	M	± Flat
509	2-1	S		549	291A17-1-1	M	± Flat
510	Edith			550	Edith		
511	291A9-2-2	M		551	291A17-1-2	M	± Flat
512	3-1	S		552	2-1	M	± "
513	291A10-1-1	S		553	291A18-1-1	M	± thick
514	4-1	M-S	Br.	554	2-1	P. M-L	
515	291A11-1-1	M		555	2-2	M	± Flat
516	2-1	M		556	3-1	M	± "
517	3-1	M-L	± Br.	557	3-2	M	± Flat
518	3-2	M-L		558	3-3	M	
519	4-1	M-L		559	4-1	M	± Flat
520	Calvo			560	Calvo		

292A = Colusa x Edith, 49 selections; 293A = Aikohu x Edith, 35 selections;

		(24P)						(24P)					
		anus	glans	apic	gn.			anus	glans	apic	gn.		
					Length	Remarks					Length	Remarks	
561	291A18-5-1				M		601	292A8-2-1			M-S	± Fl.	
562	5-2				M	± thick	602	3-1			M	Fl.	
563	291A19-1-1				M	± thick	603	4-1			M-L	± Fl.	
564	1-2				M	± "	604	4-2			M-L	± th.	
565	2-1				M	± "	605	4-3			L	± fl.	
566	2-2				M	± Flat	606	4-4			M-L	± fl.	
567	3-1				M-L	Flat	607	292A9-1-1			M	± th.	
568	3-2				M	± thick	608	1-2			M	± fl.	
569	3-3				M		609	2-1			M-L	fl.	
570	Edith						610	Edith					
571	291A20-1-1				M	thick	611	292A9-3-1			M	th.	
572	2-1				M-L		612	4-1			M-L	th.	
573	3-1				M-L	th.	613	4-2			M	fl.	
574	291A21-2-1				M	± th.	614	5-1			M	± fl.	
575	2-2				M	th.	615	292A10-1-1			M	fl.	
576	3-1				M-S		616	1-2			M-L		
577	4-1				S		617	2-1			M	fl.	
578	5-1				S		618	3-1			M	th.	
579	292A1-1-1				M-S	± Fl.	619	4-1			M	± Fl.	
580	Colusa						620	Colusa					
581	292A2-1-1				S		621	292A10-4-2			M	th.	
582	2-1				M	± Fl.	622	5-1			M	± th.	
583	292A3-1-1				M-S	± Fl.	623	6-1			M-S	fl.	
584	292A4-1-1				S		624	8-1			M	th.	
585	2-1				M-S	th.	625	292A12-2-1			M	Fl.	
586	292A6-2-1				L		626	3-1			M	± Fl.	
587	3-1				M	± th.	627	4-1			M	± Fl.	
588	4-1				M	± th.	628	5-1			M	± Fl.	
589	4-2				M-L	± th.	629	292A13-1-1			S	thick	
590	Edith						630	Edith					
591	292A6-6-1				L	± th.	631	292A14-1-1			L	Fl.	
592	7-1				M-L	± th.	632	1-2			L	± Fl.	
593	8-1				M-L		633	292A15-1-1			M-S	Fl.	
594	292A7-1-1				S	± th.	634	293A1-1-1			P	M-L	
595	2-1				S	± th.	635	2-1			M		
596	3-1				S	± th.	636	293A2-1-1			M		
597	4-1				S	± th. good	637	2-1			M	± th.	
598	5-1				S	th.	638	3-1			M		
599	292A8-1-1				M-S	± fl.	639	4-1			M	± Fl.	
600	Colusa						640	Aikohu					

294A = Butte x Edith, 22 selections; 295A = Edith x Kamiiji, 66 selections

		(24P) ano glauc. apic	gr. Length	Remarks			(24P) ano glauc. apic	gr. Length	Remarks
641	293A2-4-2		M		681	294A6-3-1	RP.	M	
642	5-1		M	± fl.	682	294A6-5-2		M	Br.
643	6-1		M	± fl.	683	294A7-2-1	R.	M	± fl.
644	7-1		M-L	± th.	684	294A8-1-1		S	th.
645	7-2		M	± th.	685	294A9-1-1	R.	M-L	± fl.
646	293A2-8-1		M-L		686	2-1	R	M	fl.
647	8-2		M	± fl.	687	3-1	RP.	M	fl.
648	9-1		M		688	294A11-1-1		M-L	
649	10-1		M	± fl.	689	2-1		M	
650	Edith				690	Edith			
651	293A2-11-1		M		691	294A11-3-1	R-P	M-L	
652	12-1		M	good	692	4-1	R.	M	± th.
653	12-2		M	± fl.	693	4-2		M-L	
654	13-1		M		694	4-3	R	M-L	
655	14-1		M	± th.	695	294A12-1-1		M-S	th.
656	15-1		M-L		696	2-1		M	± fl.
657	16-1		M-L		697	295A2-1-1		M-S	fl.
658	16-2		M	± th.	698	295A3-1-1		M	
659	16-3		M-L	± th.	699	2-1		M	± fl.
660	Aikoku				700	Kamiiji			
661	293A4-1-1	R.P.	M	Br.	701	295A3-2-2		M	± th.
662	293A5-1-1	R.	M-L	th.	702	3-1		M	± fl.
663	293A6-2-1		M-L	± th.	703	4-1		M	± fl.
664	293A7-1-1	P.	M	± fl.	704	6-1		M	± fl.
665	2-1	RP.	M	Br.	705	295A4-1-1	R	M	± th.
666	3-1	RP.	M	± fl.	706	295A5-1-1		M	good
667	293A8-1-1	RP.	M-S	Br.	707	2-1	R.	M	± fl.
668	2-1		M	± th.	708	3-1		M	fl.
669	293A11-1-1	RP.	M		709	3-2	RP.	M	fl.
670	Edith				710	Edith			
671	293A11-1-2	P	M	± fl.	711	295A6-1-1		M-L	± th.
672	293A13-1-1	R.P.	M	± fl.	712	2-1		M	± th.
673	294A4-1-1		M	± fl.	713	295A7-1-1		M	good
674	1-2		M	± fl.	714	2-1		M	± fl.
675	2-1		S		715	3-1		M	± th.
676	294A5-1-1		M-L	good	716	295A8-1-1		M-S	± th.
677	3-1		S		717	2-1	R.P.	M-S	± th.
678	4-1		M	± fl.	718	2-2	R.	M-S	± fl.
679	5-1		M	± th.	719	2-3	R.	M	± fl.
680	Butte				720	Kamiiji			

297A = Colusa x Delitus, 51 selections

		anno	(L&P) glans	apic	yr. length	Remarks			anno	(L&P) glans	apic	yr. length	Remarks
721	295A8-3-1			RP	M	±th	761	295A22-2-1				M	±th
722	3-2			RP	M	±th	762	295A23-1-1				M	
723	3-3			RP	M	±th	763	295A25-2-1		RP	M	±th	
724	295A9-1-1				M	±th	764	3-1			M	±th	
725	295A10-1-1				M	th	765	4-1			M	±th	
726	295A11-1-1				M	±th	766	5-1		R	M	±th	
727	2-1			RP	M-S	fl	767	6-1		R	M	±th	
728	295A12-1-1				M-L	±fl	768	7-1		R	M	±th	
729	2-1			RP	L	±fl	769	7-2		RP	M	th	
730	Edith						770	Colusa					
731	295A12-3-1			RP	M-S	fl	771	297A1-2-1	±A			M-L	±th
732	4-1			RP	M	±th	772	3-1				M	
733	4-2				M-L	±th	773	4-1				M	±th
734	295A13-1-1			RP	M	th	774	5-1				M	±th
735	3-1				M	fl	775	6-1				M	fl
736	3-2			RP	M-L	fl	776	297A2-2-1				M-L	
737	295A15-2-1				M	th	777	3-1				M	Br
738	3-1			RP	M	th	778	3-2				M	±Br
739	295A17-2-1				M	th	779	297A4-2-1				M-S	th
740	Kameji						780	Delitus					
741	295A17-3-1			RP	M-S	fl	781	297A4-3-1				M-L	±fl
742	295A18-1-1				M-L	fl	782	4-1				L	±th
743	2-1				M	±fl	783	5-1				M-S	
744	2-2				M	±fl	784	6-1				M	
745	2-3				M	±th	785	6-2				M-L	
746	4-1				M	th	786	7-1				M	±fl
747	4-2			RP	M	±th	787	8-1				M	th
748	4-3			RP	M	±th	788	10-1				M	±th
749	4-4				M	th	789	297A5-1-1				M	good
750	Edith						790	Colusa					
751	295A18-5-1				M	±th	791	297A6-1-1				M-L	
752	5-2			RP	M-S	fl	792	2-1				M-S	±fl
753	295A19-1-1			RP	M-L	Br	793	297A7-2-1				M	fl
754	2-1			RP	M-L	fl	794	3-1	±A			M	fl
755	295A20-1-1			RP	M	fl	795	297A8-1-1				M	
756	1-2			RP	M	±fl	796	297A9-1-1				M	±fl
757	1-3			RP	M	±fl	797	2-1				M	±fl
758	295A21-1-1			RP	M-L		798	3-1				M-S	
759	295A22-1-1				M-S	fl	799	6-1				M	
760	Kameji						800	Delitus					

298A = Colusa x Honduras, 36 selections; 299A = Colusa x Honduras, 57

		ans	(LCP) glucos apic	gr. length	Remarks			ans	(LCP) glucos apic	gr. length	Remarks
801	297A 9-7-1			M		841	298A 7-7-1			M	± Br.
802	297A 10-2-1			M	± fl	842	8-1			M	th.
803	4-1			M	fl	843	8-2			M	± th
804	4-2		P	M		844	8-3			M-L	good
805	297A 11-1-1		g	M	good flav.	845	298A 8-2-1			M-L	good
806	2-1			M	th	846	298A 10-1-1			M	
807	297A 13-1-1			M-S		847	2-1			M-L	± Br.
808	2-1			S		848	3-1			M-S	± Br.
809	297A 14-1-1		g	M-S		849	3-2			M	
810	Colusa					850	Colusa				
811	297A 15-1-1			M		851	298A 11-2-1			M	th
812	2-1			M	± fl	852	4-1			M	th
813	297A 17-1-1			M	th	853	298A 12-1-1			M	± Br.
814	297A 18-1-1		g	S	fl	854	298A 15-2-1			M	
815	2-1			M	th	855	298A 16-1-1			M	± Br.
816	297A 19-2-1			M		856	1-2			M-L	good
817	4-1		RP	M		857	2-1			L	4 fl
818	297A 20-1-1			M		858	298A 19-1-1			M-L	± fl
819	2-1		g	M-L		859	2-1			M	
820	Delitus					860	Honduras				
821	297A 21-1-1			M		861	298A 19-3-1			M	th
822	1-2		g	M		862	298A 20-2-1			M	th
823	1-3		g	M		863	3-1			M-L	good
824	2-1	A		M-S	th.	864	298A 21-1-1			M	good
825	297A 22-2-1		g	L		865	2-1			M	good
826	3-1			L		866	3-1			L	good
827	298A 2-1-1			M		867	299A 2-1-1			M-L	good
828	1-2			M	± th	868	2-1			L	
829	1-3			M	± th	869	3-1			M-L	good
830	Colusa					870	Colusa				
831	298A 4-1-1			M	± fl	871	299A 2-4-1			L	± fl
832	1-2			M-L		872	299A 3-1-1			M	± fl
833	298A 6-2-1			M-L	Br.	873	1-2			M-L	± th
834	298A 7-1-1			M-L	Br.	874	1-3			M	good
835	2-1			M		875	2-1			M	
836	3-1			M-L	th	876	2-2			M-L	
837	5-1			M	Br.	877	299A 4-1-1			M-L	
838	6-1			M	Br.	878	299A 5-1-1			L	
839	5-2			M	good	879	3-1			M-L	
840	Honduras					880	Honduras				

2910A = Delitux x Caloro, 47 selections;

27

		anno	glans	apic	gr.	Remarks			anno	glans	apic	gr.	Remarks
881	299A5-4-1				M-L		921	299A27-1-1	7-A			M	
882	4-2				M	+fl	922	2-1				L	good
883	5-1-				M-L	+fl	923	3-1				M	Br.
884	299A7-1-1				M-L	+fl	924	299A28-1-1				M-L	
885	2-1				M		925	2-1				M	+fl
886	3-1				M		926	299A29-1-1				M-L	fl
887	3-2				M	+fl	927	299A30-2-1				M	th
888	299A8-1-1				M-S	th	928	3-1				M	+Br
889	299A9-1-1				S		929	3-2				M	Br
890	Caloro						930	Caloro					
891	299A10-1-1				M-S	+fl	931	2910A1-1-1				M-S	
892	1-2				M	+fl	932	2-1				M-S	
893	2-1				M		933	3-1				M	+fl
894	2-2				M	+fl	934	3-2			R	M-S	fl
895	299A13-1-1				M	good	935	2910A2-2-1				M	fl
896	1-2				M		936	3-1			J	M	
897	2-1				M	+fl	937	6-1				M	good
898	2-2				M-L	good	938	7-1				M	th
899	3-1				M-L		939	2910A3-1-1			R.P	S	
900	Honduras						940	Delitux					
901	299A13-4-1 ±A				M-L	-	941	2910A3-2-1				M-S	fl.
902	5-1				M-L		942	2910A5-1-1				M	+Br.
903	6-1				M-S	+th	943	2910A6-1-1				M	
904	6-2				M	+fl.	944	2-1				M	
905	299A17-1-1				M-L	+fl	945	2910A7-1-1				M-S	+fl
906	2-1				M	+Br	946	2910A8-2-1			R.P	M	good
907	3-1				M	+fl	947	2-2			J	L	good
908	299A19-1-1				M	good	948	3-1			R	M	+th
909	299A20-1-1				M	Br.	949	3-2			R.P	M	+fl
910	Caloro						950	Caloro					
911	299A21-1-1 ±A				M-L		951	2910A9-1-1			J	M	good
912	3-1				M		952	2-1			J	M	
913	4-1				M	th	953	3-1			J	M	
914	4-2				M	th	954	2910A11-1-1			J	M-L	good
915	299A23-1-1 ±A				L	+fl	955	1-2				M	good
916	1-2				M	fl	956	2-1				M-S	+fl
917	299A25-1-1				M+	fl	957	3-1				M-L	good
918	2-1				M	th	958	4-1				M	+fl
919	3-1				M	Br.	959	5-1				M	
920	Honduras						960	Delitux					

2911A = Kameiji x Honduras, 61 selections;

				(24P) ano glms apic gn. height	Remarks					(24P) ano glms apic gn. height	Remarks
961	2910A13-1-1			RP. S		1001	2911A9-2-1			M	fl.
962	2910A14-1-1			R. M	± fl	1002	2-2			R.P. L	good
963	2-1			RP. L		1003	2911A10-2-1			R. M	good
964	2-2			RP. L		1004	4-1			RP. M	
965	2910A17-2-1	J		M-S		1005	5-1			M-L	
966	2910A20-1-1			RP. M	± fl	1006	7-1			RP. M	± Br
967	2-1			M		1007	8-1			M	
968	2-2			M	fl	1008	9-1			L	good
969	3-1			L		1009	2911A14-L-1			M	good
970	Colors					1010	Kameiji				
971	2910A20-3-2			L	good	1011	2911A16-1-1			R. M-L	fl
972	4-1	J		L	Slender	1012	3-1			M	th
973	2910A22-1-1			S		1013	2911A18-1-1			R. M-L	± fl
974	2-1			R. M		1014	2911A19-2-1			RP. M	± fl
975	2910A23-1-1			M-S	± fl	1015	2-2			RP. L	± fl
976	1-2 T			P. L	cylindrical	1016	2-3			RP. M-L	
977	2910A24-1-1			M-S	th	1017	2911A20-1-1			P. M-S	th
978	2-1	J		M-S	± fl	1018	1-2			R. M-L	± Br.
979	2910A26-1-1			RP. M	± fl	1019	2-1			R. M	Br.
980	Delitus					1020	Honduras				
981	2910A26-1-2	J		N	fl	1021	2911A21-1-1			M	± th
982	1-3	J		M	fl	1022	2-1			M	± th
983	2911A2-1-1			P. M	fl	1023	2911A23-2-1			M	± th
984	1-2			R. M-L	Br	1024	2-2			M	± th
985	2911A2-2-1			M	Br	1025	3-1			M-S	± Br
986	2-2			M	± Br	1026	2911A24-1-1			RP. M	Br
987	2-3			M	Br	1027	3-1			P. M	
988	2911A3-1-1			M-L		1028	4-1			R. M	Br
989	2911A5-1-1			M-S	th	1029	5-1			RP. M	good
990	Kameiji					1030	Kameiji				
991	2911A6-1-1			P. L	± fl	1031	2911A24-3-2			RP. M-L	
992	2-1			M-L		1032	2911A28-1-1			R. L	
993	3-1			M-S		1033	2-1			R. L	good
994	4-1			M	± fl	1034	3-1			RP. L	good
995	5-1			M-S	th	1035	3-2			RP. L	good
996	2911A7-1-1			S	fl	1036	4-1			R. L	± fl
997	3-1			S	fl	1037	4-2			M	good
998	2911A8-1-1			M-L	Br.	1038	2911A34-1-1			RP. M	
999	2911A9-1-1			M-L	± th	1039	1-2 A			RP. M	± Br
1000	Honduras					1040	Honduras				

2912A = Kameji x Blue Rose, 85 selections;

		(24P) ans glms apic	gr. length	Remarks			(24P) ans glms apic	gr. length	Remarks
1041	2911A34-2-1		M	± fl	1081	2912A11-3-2		M	good
1042	2911A36-1-1	R.P.	S		1082	3-3		M	
1043	2911A40-2-1		L	good	1083	2912A12-1-1		M-S	
1044	2-2	R	M-L	good	1084	2912A13-1-1		M	
1045	3-1	R	M-S	± Br.	1085	1-2	R	M-S	
1046	3-2	R	M		1086	2-1	R	M-S	
1047	2911A41-1-1	R.P.	M-S		1087	2-2	R	M	
1048	2-1	R	M-S		1088	3-1	R	M	
1049	2911A42-1-1		M	good	1089	2912A14-1-1		M-S	
1050	Kameji				1090	Kameji			
1051	2912A1-1-1 JA		M		1091	2912A14-1-2		M-S	
1052	2912A2-1-1		S		1092	2912A16-1-1		M-S	
1053	2-1		M-S		1093	2-1		M	
1054	2912A3-2-1	R.P.	S		1094	2-2		M-S	
1055	3-1	P.	M		1095	2912A18-1-1		M	th
1056	2912A4-1-1		M-S	± fl	1096	2-1 JA		M	
1057	2-1		M-S		1097	2912A19-2-1	R.	M	good
1058	2912A5-1-1		M		1098	2912A20-1-1		M	
1059	2912A6-1-1		M-S		1099	2-1		M-S	
1060	Bl. Rose				1100	Blue Rose			
1061	2912A6-2-1	R.P.	M	good	1101	2912A20-3-1		M-S	
1062	3-1		M-S		1102	4-1		M	good
1063	4-1 JA		M-S	th	1103	4-2		M	good
1064	4-2	R.P.	M-S	th	1104	4-3		M	good
1065	2912A7-1-1	R.P.	M	good	1105	2912A23-1-1		M-S	
1066	2-1		M	good	1106	1-2		M	± fl
1067	2-2		M-S		1107	2912A24-1-1		M-S	
1068	3-1		S		1108	2-1		M	
1069	2912A8-1-1		M		1109	3-1		M	
1070	Kameji				1110	Kameji			
1071	2912A9-1-1	R	M-S		1111	2912A24-4-1'		M-S	
1072	2-1		M		1112	5-1-1		M	
1073	2-2	R	M		1113	6-1		M-S	
1074	3-1		M-S		1114	6-2		M-S	
1075	3-2		M-S		1115	2912A25-1-1	R.P.	M-S	± Br.
1076	2912A10-1-1	R.P.	M-S		1116	2912A26-1-1		M-S	
1077	2912A11-1-1		M		1117	2912A28-1-1	R.P.	M-S	± fl
1078	2-1		M-S		1118	2912A29-1-1 JA	R.P.	M-S	
1079	3-1		M		1119	2912A30-1-1		M-S	
1080	Bl. Rose				1120	Blue Rose			

2913A = Colours Blue Rose, 44 selections; 2914A = Colours Blue Rose, 79 selections;

		ans	(L+P) glucosapic	gr. length	Remarks			ans	(L+P) glucosapic	gr. length	Remarks
1121	2912A32-1-1	±A		M-S		1161	2913A17-3-1			M	good
1122	2912A33-1-1			M		1162	18-1-1			M-S	
1123	2-1			M	good	1163	19-1-1			M	
1124	2912A34-1-1			M-S	Br.	1164	21-1-1			M	good
1125	2912A35-1-1			M-S		1165	21-2-1			M	
1126	1-2			M-S		1166	21-3-1			M	±th
1127	2912A37-1-1			M-S		1167	21-4-1			M	good
1128	2912A38-1-1		RP.	M-S	±Br.	1168	23-3-1			M-S	
1129	2-1		RP.	M		1169	24-1-1			M-S	
1130	Kameji					1170	Colusa				
1131	2912A38-3-1		RP.	M-S		1171	26-1-1			S	fl
1132	4-1		RP	M	±Br.	1172	27-1-1			M-S	±fl
1133	5-1		RP	M-S		1173	27-2-1			M-S	th
1134	5-2		RP.	M		1174	28-1-1			M-S	th
1135	5-3		P	M		1175	29-1-1			M	good
1136	2912A42-1-1			M	±Br.	1176	29-2-1			M	±fl
1137	2-1			M		1177	29-3-1			M-S	±Br
1138	2-2			M	Br	1178	29-4-1			M-S	
1139	2912A43-1-1		RP.	M-S		1179	29-5-1			M	good
1140	Blue Rose					1180	Blue Rose				
1141	2912A44-1-1			M-S		1181	29-6-1			M-S	
1142	2912A46-2-1			M	good	1182	29-7-1			M	±fl
1143	2912A47-1-1		P	M	th	1183	29-8-1			M	
1144	2-1		RP	M-S		1184	30-1-1			M-S	Br
1145	2913A3-1-1			S		1185	31-1-1			M-S	
1146	2913A6-1-1			M-S	±th	1186	31-2-1			M	
1147	6-2-1			M		1187	31-3-1			M-S	
1148	6-3-1			M	good	1188	32-1-1			M-S	
1149	6-3-2			M		1189	32-2-1			M-S	
1150	Colusa					1190	Colusa				
1151	9-1-1			S	Br.	1191	32-2-2			M	±th
1152	9-2-1			M-S	±th	1192	32-3-1			M	good
1153	11-1-1			S		1193	32-4-1			M-S	±th
1154	12-1-1			M	±th	1194	2914A 2-1-1			M-S	
1155	12-2-1			M-S		1195	3-1-1			M-S	
1156	12-3-1			M		1196	3-1-2			M-S	Br
1157	12-4-1	g		M	good	1197	3-2-1			M-S	
1158	12-5-1			M-S	±th	1198	3-3-1			M	good
1159	-2			M-S	th	1199	4-1-1			M-S	
1160	Blue Rose					1200	Blue Rose				

		(L4P) Anagallis Apis	gr. Length	Remarks
1201	2914A	5-1-1	M-S	
1202		5-2-1	M-S	
1203		6-1-1	S	
1204		8-1-1	M	good
1205		9-1-1	M	
1206		9-1-2	M	
1207		9-2-1	M-S	± Br
1208		9-2-2	M-S	
1209		9-3-1	M	± fl
1210	Caloro			
1211		9-3-2	M	
1212		11-1-1	M	
1213		11-2-1	M	
1214		12-1-1	M-S	
1215		13-1-1	M-S	
1216		14-1-1	M	
1217		14-2-1	M-S	
1218		16-1-1	M-S	
1219		17-1-1	M-S	
1220	Blue Rose			
1221		19-1-1	M	good
1222		19-2-1	M	± fl
1223		19-3-1	M	good
1224		19-4-1	M	
1225		19-5-1	M	± th
1226		19-6-1	M	
1227		19-7-1	M-S	
1228		19-8-1	M	good
1229		22-1-1	M-S	
1230	Caloro			
1231		22-1-2	M-S	± Br.
1232		22-2-1	M-S	± th
1233		22-2-2	M-S	± fl
1234		22-3-1	M-S	
1235		22-3-2	M-S	± Br.
1236		23-1-1	M-S	
1237		23-2-1	M	
1238		23-3-1	M-S	
1239		23-4-1	M	
1240	Blue Rose			

		(L4P) Anagallis Apis	gr. Length	Remarks
1241	2914A	25-1-1	M	
1242		25-1-2	M	good
1243		25-2-1	M	fl
1244		25-2-2	M-S	
1245		26-1-1	M	good
1246		27-1-1	M	
1247		28-1-1	M	± fl
1248		30-1-1	M	± fl
1249		30-2-1	M	
1250	Caloro			
1251		31-1-1	M	± th
1252		31-4-1	M-S	± th
1253		31-5-1	M	± th
1254		31-6-1	M	± th
1255		31-7-1	M	± th
1256		31-8-1	M	± th
1257		32-1-1	M	± fl
1258		33-1-1	M	± th
1259		33-2-1	M	good
1260	Blue Rose			
1261		33-3-1	M	
1262		33-4-1	M	
1263		35-1-1	M	± th
1264		35-2-1	M-S	
1265		35-3-1	M-S	± Br.
1266		35-3-2	M	
1267		35-3-3	M	± th
1268		36-1-1	M-S	fl
1269		36-2-1	M-S	
1270	Caloro			
1271		36-3-1	S	
1272		36-4-1	M-S	
1273		36-5-1	M-S	
1274		36-6-1	M	± fl
1275		36-6-2	M	± fl
1276		36-6-3	M-S	
1277		36-6-4	M-S	± fl
1278		36-7-1	M	
1279		37-1-1	M-S	
1280	Blue Rose			

2916A = Edith x Blue Rose, 129 selections;

			anno	(L+P) glance apic	gv length	Remarks				anno	(L+P) glance apic	gv length	Remarks
1281	2914A	37-2-1			5		1321	2916A	10-1-1			M	good
1282	2916A	1-1-1				M-L +fl	1322		10-2-1			M-L	
1283		2-1-1				M Br.	1323		10-2-2			M-L	good
1284		2-2-1				M	1324		10-3-1			M	
1285		2-3-1				M-L	1325		10-4-1			M	
1286		2-4-1				M-S	1326		10-4-2			M	
1287		3-1-1				M-S	1327		11-1-1			M	+th
1288		3-2-1				M	1328		11-2-1			L	th
1289		3-3-1				M +Br	1329		12-1-1			M-L	+th
1290	Edith						1330	Edith					
1291		3-4-1				M good	1331		12-2-1			M-L	
1292		3-4-2				M	1332		13-1-1			M	th
1293		4-1-1				M-L +fl	1333		13-1-2			M	+th
1294		5-1-1				M	1334		13-2-1			M-L	
1295		5-2-1				M-L	1335		13-3-1			L	good
1296		5-4-1				M th	1336		13-3-2			L	
1297		6-1-1				M-L +fl	1337		14-1-1			L	+fl
1298		6-2-1				M good	1338		14-2-1			M-L	Br.
1299		7-1-1				M th	1339		15-1-1			L	good
1300	Blue Rose						1340	Blue Rose					
1301		7-1-2				M	1341		15-2-1			L	good
1302		7-2-1				M good	1342		15-3-1			L	good
1303		7-2-2				M good	1343		16-1-1			M-L	Br.
1304		7-3-1				M-S	1344		17-1-1			M	
1305		7-3-2				M good	1345		17-2-1			L	good
1306		7-4-1				M th.	1346		17-3-1			M	+fl
1307		8-1-1				M	1347		17-4-1			M	+th
1308		8-2-1				M	1348		17-5-1			M	
1309		8-3-1				M +fl	1349		17-6-1			M-L	th
1310	Edith						1350	Edith					
1311		8-3-2				M	1351		18-1-1			M-L	+fl
1312		8-3-3				M +fl	1352		18-1-2			M-L	Br.
1313		9-1-1				L	1353		18-2-1			L	good
1314		9-2-1				L	1354		19-1-1			M	th
1315		9-5-1				L +fl	1355		20-1-1			L	+fl
1316		9-5-2				L	1356		21-1-1			M	Br.
1317		9-5-3				L good	1357		21-1-2			M	+th
1318		9-5-4				M	1358		22-1-1			M-L	Br.
1319		9-6-1				L good	1359		23-1-1			M	Br.
1320	Blue Rose						1360	Blue Rose					

2917A = Blue Rose x Carolina Gold, 96 selections;

			(L.P.)			Remarks			(L.P.)			Remarks
			Ann	glume	apic				Ann	glume	apic	
1361	2916A	23-2-1				M-L			1401	2916A	33-2-1	M good
1362		23-3-1				M ± Br			1402		33-3-1	M
1363		23-4-1				M-L good			1403		33-5-1	M ± fl
1364		23-4-2				M-L good			1404		33-5-2	M th
1365		23-4-3				M-L Br			1405		34-1-1	M
1366		23-5-1				M			1406		34-2-1	L good
1367		24-1-1				M Br			1407		34-3-1	M ± fl
1368		25-1-1				L good			1408		34-3-2	M-L good
1369		25-2-1				L good			1409		34-3-3	M-L
1370	Edith								1410	Edith		
1371		25-2-2				L			1411		34-3-4	M-L ± fl
1372		28-1-1				M-L			1412		35-1-1	M ± Br
1373		28-2-1				M-L ± Br			1413		37-1-1	M-L ± Br
1374		28-3-1				M-L			1414		37-2-1	M-L
1375		28-4-1				M ± fl			1415		37-3-1	M
1376		28-4-2				M Br			1416		39-1-1	M ± Br
1377		28-4-3				M-L			1417		39-3-1	L good
1378		28-4-4				M good			1418		39-3-2	L
1379		28-5-5				M-L ± th			1419		40-1-1	M ± Br
1380	Blue Rose								1420	Blue Rose		
1381		29-1-1				L ± fl			1421		40-2-1	M Br
1382		29-2-1				M good			1422		41-1-1	M
1383		30-1-1				M-L ± th			1423		41-3-1	M-L good
1384		30-2-1				M-L ± th			1424		41-5-1	M-L
1385		30-3-1				M ± fl			1425	2917A	1-1-1	M good
1386		31-1-1				M			1426		1-2-1	M
1387		31-1-2				M ± Br			1427		1-3-1	M good
1388		31-2-1				M ± th			1428		1-4-1	M-S
1389		31-3-1				M-L ± fl			1429		1-4-2	M-S
1390	Edith								1430	Carolina Gold		
1391		31-3-2				M-L			1431		1-6-1	M good
1392		31-4-1				M			1432		2-1-1	M good
1393		31-5-1				M good			1433		2-2-1	M-S ± fl
1394		31-5-2				M good			1434		2-2-2	M
1395		32-1-1				M ± Br			1435		3-2-1	M-S th
1396		32-2-1				M-L			1436		3-3-1	M-L
1397		32-3-1				M Br			1437		3-4-1	M good
1398		32-3-2				M ± Br			1438		4-1-1	M
1399		33-1-1				M			1439		5-2-1	M-L good
1400	Blue Rose								1440	Blue Rose		

2919A = Honduras x Blue Rose, 96 selections

2920A = Improved Blue Rose x Fortuna, 181 selections;

				(24P) Ann glauc apic length								(24P) Ann glauc apic length			
				Remarks								Remarks			
1681	2919A	16-7-1	M-L	good	1721	2919A	27-3-2	L	Fl						
1682		18-1-1	M	Br	1722		29-1-1	M	good						
1683		18-2-1	M	Br	1723		29-2-1	M-L							
1684		19-1-1	L	good	1724		29-2-2	M	fl						
1685		19-2-1	M		1725		29-3-1	M	fl						
1686		19-3-1	M-L	good	1726		29-3-2	M-L							
1687		19-3-2	RP M-S	Br	1727		30-1-1	M	good						
1688		19-4-1	M-L		1728		30-2-1	M-L	± Br						
1689		19-5-1	L	good	1729		30-4-1	M	good						
1690	Honduras				1730	Honduras									
1691		19-5-2	M	good	1731		30-5-1	M	good						
1692		19-6-1	M	± Br	1732		30-6-1	L	good						
1693		20-2-1	M-L	good	1733		30-7-1	M-L							
1694		20-3-1	M		1734		30-8-1	L	Fl						
1695		21-1-1	M-L	good	1735		34-1-1	M-S							
1696		21-2-1	M	± Fl	1736		34-3-1	M	± Fl						
1697		21-3-1	M	± Fl	1737		34-4-1	M-L	± Br						
1698		21-4-1	M-L		1738	2920A	1-1-1	P	L	Slender					
1699		21-5-1	M-L	good	1739		1-2-1	L							
1700	Blue Rose				1740	Imp. Blue Rose									
1701		22-1-1	M	± Br.	1741		1-3-1	P	M						
1702		22-2-1	M		1742		1-4-1		M-L	good					
1703		22-2-2	M		1743		1-5-1	P	L						
1704		22-3-1	M		1744		1-6-1	R.	M-L	good					
1705		22-4-1	M		1745		1-7-1	P.	M	good					
1706		22-5-1	M		1746		1-8-1	P.	M	good					
1707		22-6-1	L		1747		1-10-1	R.	L						
1708		23-1-1	M	± Br.	1748		2-1-1	R.	L						
1709		23-2-1	M	good	1749		2-3-1	R.	L						
1710	Honduras				1750	Fortuna									
1711		23-3-1	M-L	good	1751		3-1-1		M-L	good					
1712		23-4-1	M	good	1752		3-2-1		M	good					
1713		23-5-1	M		1753		3-3-1		M						
1714		23-7-1	M	good	1754		3-4-1	R.	M	good					
1715		24-1-1	M-L	Fl	1755		4-1-1		L	good					
1716		24-2-1	M-L	Br	1756		4-3-1	R.P.	L						
1717		26-1-1	M	good	1757		5-1-1	R.P.	L						
1718		27-2-1	M	± Fl	1758		5-4-1	R.P.	L						
1719		27-3-1	M	± Fl	1759		5-6-1		L						
1720	Blue Rose				1760	Imp. Blue Rose									

		ans	(1+P) glens	apic	gr. length	Remarks
1761	2920A	5-8-1			L	
1762		5-10-1			L	good
1763		5-11-1	R.P.	L		
1764		6-1-1	R.P.	M		good
1765		6-4-1	R.	M-L		
1766		6-6-1	R.	M-L		
1767		7-1-1	R.P.	L		
1768		7-2-1	R.P.	L		
1769		7-3-1	R.P.	M		good
1770	Fortuna					
1771		7-3-2	R.	M		good
1772		8-1-1	R.P.	M-L		shatter. ^{new} good
1773		8-1-2	R.	M-L		
1774		8-3-1	R.P.	M-L		
1775		8-4-1	R.	L		
1776		9-1-1		M-L		good
1777		9-1-2		M-L		good
1778		9-2-1		L		
1779		9-3-1		L		
1780	Imp. Blue Rose					
1781		9-4-1		M-L		good
1782		9-5-1		L		
1783		9-6-1		M-L		good
1784		9-8-1		M		1 fl
1785		9-9-1		M-L		good
1786		9-10-1		M		good
1787		9-11-1		L		
1788		9-13-1		L		
1789		9-13-2		L		
1790	Fortuna					
1791		10-2-1	R.P.	M		
1792		10-3-1	R.P.	M		Br.
1793		10-4-1	R.P.	L		
1794		11-1-1	R.P.	M		good
1795		11-2-1	R.P.	M-L		good
1796		11-4-1	R.P.	M		
1797		11-5-1	R.	M-L		good
1798		11-7-1	R.P.	M-L		
1799		11-8-1	R.P.	M		1 fl
1800	Imp. Blue Rose					

		ans	(1+P) glens	apic	gr. length	Remarks
1801	2920A	12-1-1			R.P. M-L	
1802		12-2-1			M-L	good
1803		12-4-1			M	good
1804		12-5-1			M	
1805		12-7-1			R. M	
1806		12-8-1			R.P. M	
1807		12-9-1			R.P. M	
1808		12-10-1			M	good
1809		13-2-1			R.P. M-L	
1810	Fortuna					
1811		13-2-2			M	good
1812		13-3-1			R. M-L	
1813		13-4-1			R. M-L	
1814		13-5-1			R. L	
1815		13-5-2			R. M-L	
1816		14-1-1			M-L	
1817		14-2-1			M-L	
1818		14-3-1			L	
1819		14-4-1	1P	P	M-L	good Cylin.
1820	Imp. Blue Rose					
1821		15-1-1			L	
1822		16-1-1			R. M	
1823		16-2-1	P	P	M	
1824		17-1-1			L	
1825		17-3-1			M	1 fl
1826		18-1-1			L	1 fl
1827		18-2-1			M-L	
1828		19-2-1			M	good
1829		19-3-1			R.P. M-L	
1830	Fortuna					
1831		19-3-2			M	1 good
1832		19-4-1			M-L	
1833		19-4-2			R.P. M-L	
1834		19-5-1			P M-L	
1835		19-5-2			M	
1836		19-5-3			M	good
1837		20-1-1			M	1 fl
1838		20-1-2			M	
1839		20-2-1			M	
1840	Imp. Blue Rose					

		anno	24P glms	gr apic	length	Remarks			anno	24P glms	gr apic	length	Remarks
1841	2920A	20-3-1			M	good	1881	2920A	26-8-1			M	
1842		21-1-1			L		1882		27-1-1			R.P.	M-L
1843		21-2-1	P	P	M-L	good	1883		27-1-2			R.P.	M
1844		21-3-1		P	L		1884		27-2-1			R.P.	M-L
1845		22-1-1			M-L	good	1885		28-1-1				M-L
1846		22-2-1		RP.	M		1886		29-2-1			R	M-L
1847		22-3-1			L	very hard grain	1887		29-3-1				L
1848		22-3-2			L	very hard grain	1888		31-1-1			R.P.	M
1849		22-4-1			L		1889		31-1-2			R.P.	M
1850	Fortuna						1890	Fortuna					
1851		22-5-1		RP.	M-L		1891		32-2-1				M
1852		23-1-1		RP	M	good	1892		32-3-1				M-L
1853		23-1-2			L		1893		34-1-1				L
1854		23-2-1			M-L	good	1894		34-2-1				M
1855		23-3-1			M		1895		34-2-2				M-L
1856		23-3-2			M	good	1896		34-3-1				M-L
1857		23-5-1			M		1897		34-4-1				M-L
1858		23-6-1		R.	M-L		1898		35-1-1				L
1859		23-6-2			L		1899		35-2-1				L
1860	Imp. Blue Rose						1900	Imp. Blue Rose					
1861		24-1-1			M-L		1901		36-1-1				M
1862		24-1-2			M-L		1902		36-1-2				M
1863		24-1-3			M	good	1903		36-2-1				M-L
1864		24-2-1			M		1904		37-3-1			R.P.	M-L
1865		24-2-2			M-S		1905		37-5-1			R	L
1866		25-1-1		RP	L	bi.	1906		38-1-1				M-L
1867		25-1-2			M-L	good	1907		38-2-1				M
1868		25-3-1			M		1908		38-3-1				M
1869		25-4-1		R	M-L	good	1909		38-3-2				M-L
1870	Fortuna						1910	Fortuna					
1871		25-4-2		R.	M	good	1911		38-4-1				L
1872		25-5-1		RP.	M	good	1912		39-1-1				M
1873		25-5-2		RP.	M	top fl.	1913		40-1-1			P	P
1874		25-6-1			M	good	1914		41-1-1				M-L
1875		26-1-1		RP.	M-L		1915		41-1-2				M
1876		26-3-1			L		1916		41-2-1				M-L
1877		26-4-1			M	good	1917		41-3-1				L
1878		26-5-1		R.P.	L		1918		42-1-1				M-L
1879		26-7-1			M-L	good	1919		43-2-1			R.P.	M-L
1880	Imp. Blue Rose						1920	Imp. Blue Rose					

314A - Storm Proof x Spain Jap, 21 selections;

312A - Texas Fortuna x Early Prolific, 8 selections; 313A - Storm Proof x Texas Fortuna, 4 selections;

		anno	(2+P) glus	apic	gn. length	Remarks			anno	(2+P) glus	apic	gn. length	Remarks
1921	2920A	43-2-2		RP.	M-L	good	1961	314A	7-1			M	
1922		43-3-1	P	P	M		1962		7-2			R	M-L
1923		45-3-1			L	good	1963		8-1			M-L	+ Br
1924		46-1-1	P	P	M		1964		8-2			M	Br
1925		46-2-1			M-L		1965		9-1			M	good
1926		46-3-1			M	+ L	1966		10-1	±A		M	Br
1927		46-3-2			M-L		1967		12-1			M-L	
1928		46-3-3			M-L	+ Br	1968		13-1			R	M-L good
1929		47-1-1	P	P	L		1969		14-1			RP.	M good
1930	Fortuna						1970	Spain Jap				P	M-S
1931		47-2-1			RP.	M-L	1971		15-1			P	M-S
1932		47-3-1			R.	L	1972		16-1	T		M	+ Br.
1933		47-4-1	P	P	M-L	good	1973		17-1			M	+ Br
1934		48-1-1			M-L	good	1974		19-1	±A		M-L	+ Br.
1935		48-2-1	P		L		1975		20-1	T		M	+ Br
1936		49-1-1			L		1976	315A	1-1			M	
1937		49-2-1			L		1977		2-1			RP.	M-S + Br.
1938	2920A	Bull (1932)-1			M	good	1978		3-1			RP	M + Br.
1939	312A	1-1	P		L		1979		4-1			L	
1940	Early Prolific						1980	Lady Wright					
1941		2-1	TA	R	L		1981		5-1			RP	M-L + Br
1942		3-1		R	M		1982		6-1			RP.	M-S
1943		4-1	RP	P	L		1983		6-2			RP	M-L
1944		6-1		RP	M	good	1984		8-1			RP	M Br.
1945		7-1		R	M-L		1985	317A	1-1			R.	M good
1946		8-1			M	+ Br.	1986		2-1			RP.	L
1947		9-1		R.	M		1987		3-1				M-L + L
1948	313A	4-1			M-L	L	1988		3-2	T		L	
1949		4-2			M-L	good	1989		4-1			L	
1950	Texas Fortuna						1990	Texas Fortuna					
1951		5-1			M-L	fl.	1991		5-1			M	flat
1952		6-1	±A		M	good	1992		6-1	±A		M-L	
1953	314A	1-1			L		1993		7-1			RP.	L
1954		2-1		RP.	M	good	1994		8-1			RP	M-L + fl
1955		3-1			M	good	1995		9-1			RP.	M-L
1956		4-1			M	+ L	1996		10-1			RP.	M-L good
1957		5-1			M-L	+ L	1997		11-1			L	
1958		6-1			M-S	Br.	1998		12-1			L	
1959		6-2		RP.	M	good	1999		13-1			RP	L
1960	Storm Proof						2000	Wanica					

321A1 and 2 = Retoro x Delitus, 26 selections;
 322A2, 3, + 4 = " x Texas Fortuna, 39 selections;
 323A1, 2, 3, 4 + 5 = " x Supreme Blue Rose, 63 selections;

Sl.: Slender

			anno	(2+P) Glen's	apic	gr Length	Remarks				anno	(2+P) Glen's	apic	gr Length	Remarks
2081	317A	82-2			RP	M	Bc	2121	322A2-	8		g		L	
2082		83-1				M-L	good	2122		9				L	± sl.
2083		84-1			RP	M	Bc	2123		10			RP	L	± sl.
2084	321A1	-1	g		RP	M-L		2124		11			R	L	sl.
2085		-2	g			M-L		2125		12	g		R.P.	L	sl.
2086		-3	g			L		2126		13			RP	L	sl.
2087		-4	g			L		2127		14			P	L	
2088		-5				L+		2128		15	g		RP	L	sl.
2089		-6	g			M-L		2129	322A3-	1	g			L	sl.
2090	Delitus							2130	Texas Fortuna						
2091		-7	g		RP	M-L		2131		2	g			M-L	good
2092		-8	g			L+		2132		3	g			L	± sl.
2093		-9	g			M-L		2133		4			RP	L	sl.
2094		-10	g			L		2134		5			RP	L	sl.
2095		-11	g		RP	L		2135		6	g			L	± sl.
2096		-12	g			L		2136		7	g			L	sl.
2097		-13	g			L		2137		8	g		RP	L	sl.
2098	321A2-	1	g			L		2138		9	g			L	sl.
2099		-2	g		RP	L		2139		10	g			L	± sl.
2100	Retoro							2140	Retoro						
2101		-3	g			L		2141		11			RP	L	± sl.
2102		-4	g			L+		2142		12	g		RP	L	sl.
2103		-5	g			L	good	2143	322A4-	1				L	sl.
2104		-6	g			L		2144		2				L+	± sl.
2105		-7	g			L		2145		3			RP	M-L	± sl.
2106		-8	g			L		2146		4	g		R.P.	L	sl.
2107		-9	g			M-L	good	2147		5	g			L	± sl.
2108		-10	g			L+		2148		6	g			L	± sl.
2109		-11	g			M	good	2149		7	g			L+	sl.
2110	Delitus							2150	Texas Fortuna						
2111		-12	g			M-L		2151		8	g			L	sl.
2112		-13	g			L		2152		9			RP	L	± sl.
2113	322A2-	1	g		P	L	± Slender	2153		10			RP	L	± sl.
2114		-2				L	Slender	2154		11	g		R	L	± sl.
2115		3			R	L	"	2155		12				M-L	sl.
2116		4	g		RP	L	± "	2156	323A1-	1	g			M	
2117		5	g		RP	L	± "	2157		2				M-L	
2118		6	g		RP	M-L	± "	2158		3			RP	M	± sl.
2119		7				L	± "	2159		4				M	
2120	Retoro							2160	Retoro						

324A1, 2, 3, 4, 5 = Revoro C.I. No. 5094, 48 selections;

2161-2200										2201-2240														
Ann	(L.P.) gms	Spic	gr	Length	Remarks	Ann	(L.P.) gms	Spic	gr	Length	Remarks	Ann	(L.P.) gms	Spic	gr	Length	Remarks	Ann	(L.P.) gms	Spic	gr	Length	Remarks	
2161	323A1	-5			M	± fl	2201	323A3	-15		RP	M-L	± fl											
2162		-6			M-L	± fl	2202		16		z	RP	L											
2163		-7			RP	M-L	2203	323A4	-1			L												
2164		-8			M	good	2204		-2			RP	M											
2165		-9			M-L	± fl	2205		-3			R	L	± fl										
2166		-10			M-L	± fl	2206	323A5	-1			M-L	good											
2167		-11			M-L	± fl	2207		2			M-L												
2168		-12			M	± fl	2208		3			L	sl											
2169		-13			M	± fl	2209		4			L	sl											
2170	S. Blue Rose						2210	S. Blue Rose																
2171		-14			M	good	2211		5			L	sl											
2172	323A2	-1			M	± fl	2212		6			M-L												
2173		2			RP	L	sl.	2213		7		L												
2174		3			RP	M	good	2214		8		L	sl											
2175		4			M-L	± fl	2215		9			L	good											
2176		5			RP	M-L	2216		10			RP	L	± fl										
2177		6			M-L	± fl	2217		11			RP	M-L	sl										
2178		7			RP	M-L	± fl	2218		12		RP	M-L	sl										
2179		8			M-L	good	2219		13			M	± fl											
2180	Revoro						2220	Revoro																
2181		9			R	L	sl	2221		14		R	L	sl										
2182		10			RP	M-L	± fl	2222		15		R	L	sl										
2183		11			M	± fl	2223		16			M	good											
2184		12			R	L	sl	2224		17		RP	M-L	± fl										
2185	323A3	-1			M-L	± fl	2225	324A1	-1			M-L	sl											
2186		2			z	RP	M-L	good	2226		2		RP	L	sl									
2187		3			R	M-L	± fl	2227		3		L	sl											
2188		4			M	good	2228		4			M-L	sl											
2189		5			M		2229		5			L	sl											
2190	S. Blue Rose						2230	C.I. 5094																
2191		6			L	sl	2231		6			RP	L	sl										
2192		7			z	RP	M-L	good	2232		7		L	sl										
2193		8			R	M-L	sl	2233		8		RP	L	sl										
2194		9			M	± fl	2234		9			M-L	± fl											
2195		10			L	± fl	2235		10			M-L	± fl											
2196		11			z	RP	M		2236		11		L	± fl										
2197		12			RP	M-L		2237		12		RP	L	sl										
2198		13			z	M-L	good	2238		13		RP	L	sl										
2199		14			M-L	good	2239		14			L	± fl											
2200	Revoro						2240	Revoro																

325A1+2 = Rexas x C.I. No. 5810, 16 selections; 326A1+2 = Rexas (C.I. No 5947, 6 selections;

				(24P)								(24P)				
				Anno glauc apic length Remarks								Anno glauc apic length Remarks				
2241	324A1	-15		g	RP	M-L	sl	2281	325A1	-3		Br	L	sl	Br. bud	
2242		-16				M-L	+sl	2282		4		g	M	+sl	Br. bud	
2243	324A2	-1			RP	M-L	sl	2283		5		g	L	sl		
2244		2				M	sl	2284		6		g	L	sl		
2245		3			RP	M-L	sl	2285		7		g	L	sl		
2246		4				M	sl	2286		8			M-L	+sl		
2247		5				M-L	+sl	2287		9			L	sl		
2248		6				L	+sl	2288		10			L	+sl	Br. bud	
2249		7				M-L	+sl	2289		11			L	sl	Br. bud	
2250	C.E. 5094							2290	C.E. 5810							
2251		8			R	M-L		2291		12			RP	L	+sl	Br. bud
2252		9				M-L	sl	2292		13				M-L	sl	
2253		10				M	+sl	2293		14				M-L	+sl	Br. bud
2254		11			RP	L	sl	2294	325A2	-1		Br	L	+sl		
2255	324A3	-1			RP	L	sl	2295		2			RP	L	+sl	Br. bud
2256		2			RP	M-L	sl	2296	326A1	-1				L	sl	
2257	324A4	-1			RP	L	sl	2297		2		J	L	sl		
2258		2			R	L	sl	2298		3			L	sl		
2259		3			R	L	sl	2299		4		J	M-L	sl		
2260	Rex							2300	C.E. 5947							
2261		4				M-L	sl	2301	326A2	-1			M	sl		
2262		5				L	+sl	2302		2			RP	M-L	+sl	
2263		6				M-L	sl	2303	327A1	-1		tg	L	+sl		
2264		7				A	sl	2304		2		J	RP	L	sl	
2265		8				M	+sl	2305		3		J	RP	L	sl	
2266		9			RP	M-L	good	2306		4		J	RP	L	+sl	
2267	324A5	-1				L	sl	2307		5		Br	L	sl	good	
2268		2				L	+sl	2308		6		Br	L	sl		
2269		3			RP	M-L	sl	2309	327A2	-1		J	L	sl	good	
2270	C.E. 5094							2310	Rex							
2271		4				L	sl	2311		2		tg	M-L	sl	good	
2272		5				M-L	sl	2312		3		Br	L	sl		
2273		6			RP	L	+sl	2313		4		tg	RP	L	sl	
2274		7				L	sl	2314		5		tg	RP	L	sl	
2275		8			RP	M-L	+sl	2315		6		J	L	sl		
2276		9			RP	L	sl	2316		7		J	L	sl		
2277		10				M-L	sl	2317		8		Br	RP	L	sl	
2278	325A1	-1		Br		M-L	+sl	2318		9		Br	RP	L	sl	
2279		2		J		M	+sl	2319		10		J	R	L	sl	
2280	Rex							2320	C.E. 6018							

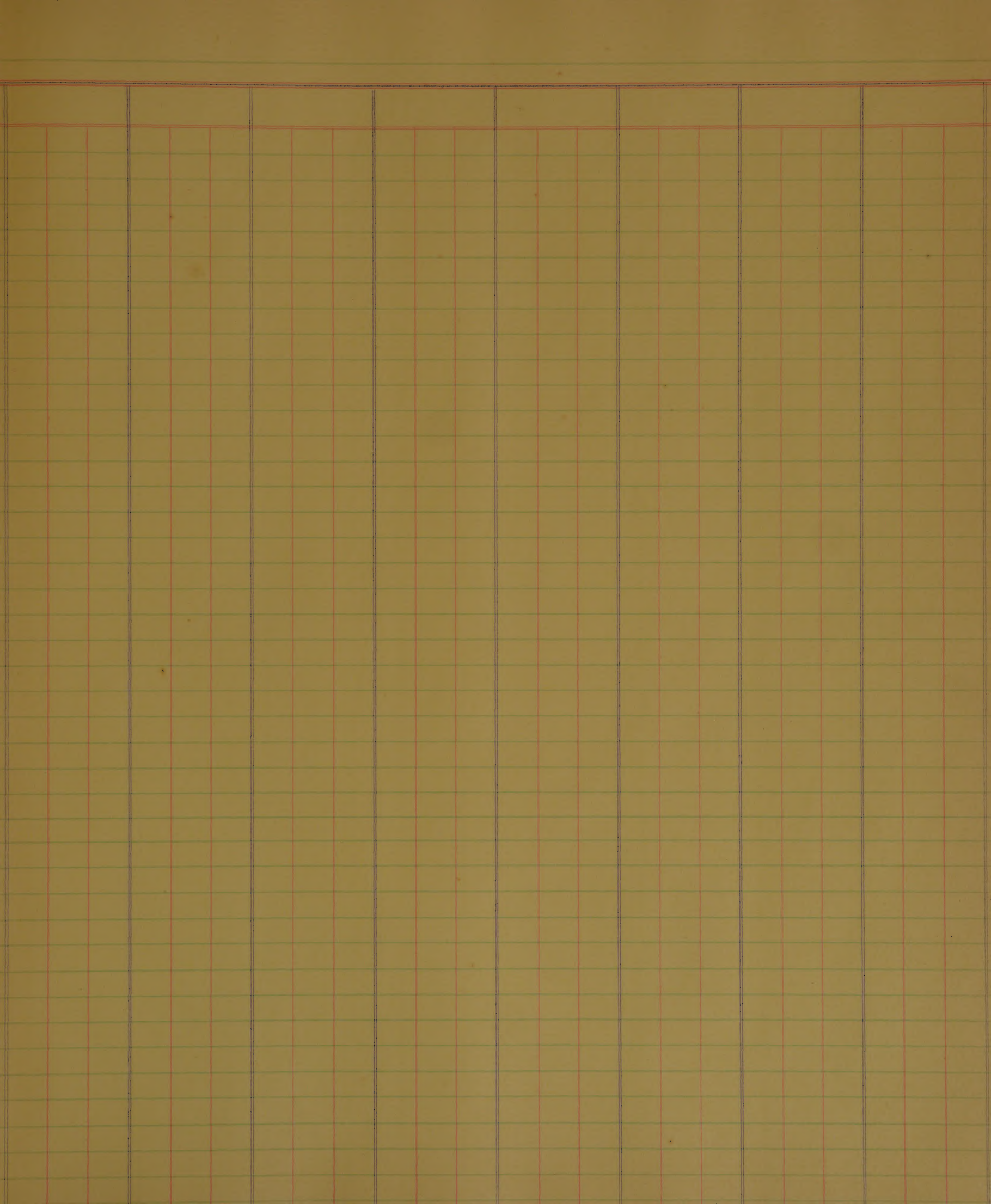
329 A1 + 2 = Perox C.I. no. 6018, 21 selections;

Total 2093 hybrid selections

For growing
F₆, F₅, F₄, F₃
populations

232 chicks

	Days	(24P) glans	Apic	Thy	Remarks
2321	327A2-11	RP	L	sl	
2322	12	tg	L	sl	
2323	13		L	sl+	
2324	14	RP	M-L	sl	good
2325	15		L	sl	



1932

Nursery Yield Plots

	8/23	8/24	8/25	8/26	8/27	8/28	8/29	8/30	8/31	9/1	9/2	9/3	9/4	9/5
478					I	I			I	all headed				
82							I			all headed				
83				I		I	I							
84					I	I				all headed				
85						I	I			all headed				
86	I	I								all headed				
87											I		all headed	
88	all headed											I	all headed	
89											I		all headed	
90													all headed	
91									I				all headed	
92		I				I		I					all headed	
93				I	I								all headed	
94		I		I					I				all headed	
95	I		I	I							I		all headed	
96		I									I	I	all headed	
97							I			I			all headed	
98									I		I		all headed	
99	I								I		I		all headed	
4800					I								all headed	
01		I			I								all headed	

Stand notes on R.R. nursery taken June 30th.

Date of harvesting test was very irregular in emerging which accounts for the irregularity of plants noted on June 30 when stand notes were recorded.

Nursery watering

Flooded and allowed to drain May 13+14

" " " " May 28

Flooded June 7, weeds back out just before flooding

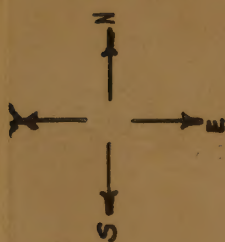
Drained July 5th. Rice very yellow when drained

Flooded July 13 th was very dry when watered

Water was getting rather low by Sept 15th

Drained entirely on Sept. 30th

Irrigating lateral →



Road Way

Date Seeding April 1st 3001-3008	Date Seeding April 15 3101-3108	Date Seeding May 3 3201-3208	Date Seeding May 23 3301-3308	Date Seeding June 1st 3401-3408	Buried Rice Expt.
→	→	→	→	→	→
6219	Collections from Orient				6001
6220	Collections from Orient				6438
1073	1st Series R.R.				1001
1074	1st Series R.R.				1146
1267	2nd Series R.R.				1201 1146
1268	2nd Series R.R.				1339
1460	3rd Series R.R.				1401 1351 1341
1461	3rd Series R.R.				1532
4095 ← F ₁ Hyb. 4001 and F ₃ Hyb	522 T. R. Rows		501	1551 2nd R.R.	1333
4096	F ₃ Hybrids				4315

Acres - 600-11 to 700-15

Roadway

Planting Plan - 1932 Rice Nursery

Beaumont, Texas.

Road Way

4527	← F ₃ Hybrids ←				4316
4528	→ F ₃ Hybrids →				Inheritance Studies F ₃ Hyb. 4746
Misc. 4929- 4985	← Not Cr. Studies 4901-4928	Bulked Hyb. 4868-81 4891-4900	F ₂ Hyb. 4867 ← 4882 4883	F ₃ Hybrids Inheritance Studies. 4747	←
6501	Soil Variation Test Early Prolific Variety				6700
6701-6718	Imp. Bl. Rose Space-planted				
5220	Panicle Selections ←				5001
5221	Caloro x Lady Wright Colusa x L. Wright Panicle Selections				5440
5441	Panicle Selection ← Caroline Flint Selections				5441
5698-5702	Miscellaneous Sel. Sel. from Cranley Collections 5698-5702	Art. Cra. block	Not Planted		
2224	2201	Rate of Seeding Test 2124 2101 2nd Series		2024 ← 2001 1st Series	
1-14, 101-104, 201-214	12 Variety Test				301-314 and 401-414
2601	2548	Date of Harvesting Test			2501
2627	2648	2701	2748		

Acres - 600-6 to 700-10

Roadway

Road Way

11
1

73
7
2/9

August 15-

There was a heavy wind and considerable rain during the night of August 13. Very little damage was done to the experiments. A few of the red early varieties that were about ready but were blowing very badly.

Index

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	Medium Grain types	1027	15
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	Slender-Grain types	1132	41
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	F ₃ , Edith x Caloro, 291A1 to 21	4077	75
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	Bozu x Edith, 296A1 to 15	4173	77
	Colusa x Delitus, 297A1 to 22	4189	78
	Colusa x Honduras, 298A1 to 21	4214	78
	Caloro x Honduras, 299A1 to 31	4237	79
	Delitus x Caloro, 2910A1 to 26	4272	80
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	Honduras x Blue Rose, 2919A1 to 36	4614	89
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Rod Rows	Varieties planted in single rows for <u>Helm. oryzae</u> Inoculations	9001	143

Twelve Variety Test

C.I. T.S. No. No.	Variety Name	1931 Row No. or Source of	1932 Row No.	Stand	Dates			Ripe		Harvest ed	Plant Ht inches	Lodg- ing	Leaf Spot (leaves)
					1st	10%	Full	1st	Full				
	Fortuna Sel. (Check)	Bulk Sels.	5/20	90 85 85	8/26	8/28	9/3	9/12	9/23	9/29	52		
	Bulk of Sels. 1, 4, 7, 15, 17, 20, 21, 22, 23, 24 , 23, 24, 26, 27 and 29												
	Fortuna Sels. (check)		101 5/20	80 80 80	8/27	8/31	9/5	9/12	9/23	9/29	49		
	do (check)		201 5/20	80 80 85	8/28	9/1	9/5	9/13	9/23	9/29	50		
	do (check)		301 5/20	80 85 75	8/27	9/1	9/5	9/13	9/23	9/29	53		
	do (check)		401 5/20	85 85 85	8/28	9/1	9/5	9/13	9/23	9/29	51		
			5/20	83	8/27	8/31	9/5	9/13	9/23	—	51	0	—
1600	Colusa	Biggs, Cal.	2 5/20	85 90 90	8/26	8/1	8/8	8/19	8/30	9/1	40	hanging sel	— S
	Seed from Rice Field Sta., Biggs, Calif.												
1600			102 5/20	80 85 85	8/26	8/4	8/12	8/23	8/31	9/1	37	hanging sel	— S
1600			202 5/20	90 90 85	8/26	8/1	8/8	8/21	8/30	9/1	37	hanging sel	— S
1600			302 5/20	85 85 85	8/27	8/31	8/9	8/22	8/30	9/1	39	hanging sel	— S
1600			402 5/20	90 90 90	8/27	8/2	8/11	8/23	8/30	9/1	38	0	— S
			5/20	88	8/27	8/2	8/10	8/22	8/30	—	38		

Milling Test on 3rd series (200 group)

Yield Per Rod- Row in groms	Days to Maturity From Emerg- ence	Hood- ing 1090	Yield per A			T.Wt. Per Bu.	Milling Data	
			Bu.	lbs.	bbls.		Head Rice	Total Rice
716	12 ⁶	28						
407	12 ⁶	27						
469	12 ⁶	26					87.0	111.6
576	12 ⁶	27						
502	12 ⁶	26						
534	12 ⁶	27	69.1	3108	19.2	44.0		
530								
504	10 ³	35						
501								
275								
265	10 ³	36						
269								
384								
403	10 ³	35					105.3	114.5
378								
382								
382	10 ³	34						
399								
321								
356	10 ³	34						
340								
382	10 ³	28	49.4	2223	13.7	43.5		

* center rows only

⊗
Average ⁷/₁₀ stand based on Center row

C.I. No.	T.S. No.	Variety Name	1931 Row No. or Source	1932 Row No.	Emergence No.	No Stand	Dates			Ripe		Har- vested	Plant Ht. (inches)	Lod- ging	Leaf- Spot
							Heading	Full		Full					
							1st	10%	Full	1st	Full				
		Edith		3	5/20	85 85 90	8/3	8/8	8/16	8/25	9/5	9/13	41	0	S
		Hand selected from plot of Edith grown on Dr. Tullis' Acre, 1931 crop													
		Edith		103	5/20	90 90 90	8/1	8/9	8/17	8/23	9/6	9/13	39	0	S
				203	5/20	90 90 90	8/3	8/8	8/16	8/25	9/6	9/13	42	0	S
				303	5/20	85 85 85	8/1	8/8	8/17	8/23	9/5	9/13	39	0	S
				403	5/20	90 90 90	8/3	8/9	8/19	8/24	9/6	9/13	40	0	S
					5/20	88	8/2	8/8	8/17	8/24	9/6	—	40	0	—
		Storm Proof Lady Wright		4	5/20	80 85 80	8/3	8/9	8/18	8/26	9/5	9/13	41	0	S
		1931 Nursery													
		Lady Wright		104	5/20	80 80 80	8/2	8/9	8/18	8/26	9/6	9/13	39	0	S
				204	5/20	85 90 90	8/3	8/8	8/17	8/26	9/5	9/13	42	0	S
				304	5/20	80 80 75	8/4	8/8	8/18	8/25	9/6	9/13	42	0	S
				404	5/20	85 85 85	8/4	8/9	8/19	8/23	9/6	9/13	42	0	S
					5/20	84	8/3	8/9	8/18	8/25	9/6	—	41	0	—

Days to maturity from		yield per Rod-Row in grams	yield per A.			T. wt per Bu.	Milling Data	
Emergence	Heading		Bu	lbs	Bbls		Head Rice	Total Rice

109 33 420

109 36 209

109 34 431 110.5 113.1

109 35 326

109 34 282

29
109 35

333.6 43.2 1942 12.0 40.3

109 33 310

109 35 287

109 33 405 97.2 113.1

109 33 303

109 33 301

28
109 33 309.2 40.0 1800 11.1 40.3

C.I. No.	T.S. No.	Variety Name	1932 RDW No.	Plant Emerg- ence	yo Stand	Dates			Ripe		Date Harv- ested	Plant Ht. inches	Lodg- ing	Leaf- Spot
						Heading	Full		Full					
						1st	10%	Full	1st	Full				
		Storm Proof	5	5/20	85 85 90	8/10	8/15	8/22	8/26	9/6	9/13	41	0	St
Hand selected seed from Dr. Tullis Disease Acce, 1921 crop														
			105	5/20	85 85 85	8/9	8/15	8/22	8/26	9/7	9/13	40	0	St
			205	5/20	90 90 90	8/8	8/12	8/19	8/26	9/6	9/13	45	0	St
			305	5/20	80 85 85	8/5	8/11	8/20	8/23	9/7	9/15	41	0	St
			405	5/20	85 90 90	8/5	8/14	8/21	8/24	9/6	9/13	42	0	St
			5/20	87	8/7	8/13	8/21	8/25	9/6	—	42	0	—	—
5883		Early Prolific	6	5/20	90 90 90	8/4	8/11	8/18	8/28	9/7	9/13	42		S
Hand selected seed from Dr. Tullis Disease Acce, 1931 crop														
			106	5/20	90 90 90	8/2	8/9	8/19	8/28	9/8	9/13	42	0	S
			206	5/20	85 90 90	8/1	8/7	8/17	8/28	9/8	9/13	48	0	S
			306	5/20	80 85 85	8/1	8/7	8/19	8/26	9/8	9/13	43	0	S
			406	5/20	85 90 90	8/4	8/9	8/19	8/28	9/8	9/13	45	0	S
			5/20	89	8/2	8/8	8/18	8/28	9/8	—	44	0		

Days to Maturity From Emergence	Head- ing	Yield Grams per row	Yield Per A.			T. Wt Per Bu.	Milling Data	
			Bu	Lbs	Bbls		Head Rice	Total Rice

109 27 369

110 29 304

109 27 485

94.5 111.6

110 33 366

110 32 420

109 24 382.8 50.3 2263 14.0 44.1

110 34 392
371
374

111 37 302
319
291

110 38 487
529
521

98.5 113.1

111 38 376
381
346

112 35 443
498
518

31 543

111 37 419.6 41.5 2442 15.1 41.2

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	70 Stand	Dates				Date Harv- ested	Plant Ht. inches	Hdg- ing	Leaf- spot
						Heading		Ripe					
						1st	10%	Full	1st	Full			
1643		Honduras	7	5/20	85 85 85	8/14	8/17	8/25	8/29	9/7	9/13	43	S
Hand selected seed from Dr. Tullis Disease													
Acte, 1931 C.F.A.P.													
			107	5/20	85 85 85	8/4	8/17	8/25	8/27	9/8	9/13	42	0 S
			207	5/20	80 85 90	8/11	8/15	8/25	8/28	9/8	9/13	50	0 S
			307	5/20	90 90 85	8/8	8/14	8/23	8/27	9/7	9/13	47	0 S
			407	5/20	90 90 90	8/11	8/15	8/23	8/29	9/8	9/13	49	0 S
				5/20	87	8/10	8/16	8/24	8/28	9/6	—	46	0 — —
		Fortuna Sels, (Check)	8	5/20	80 80 80	8/28	8/30	9/5	9/13	9/23	9/29	48	
		See No. 1 for source.											
		(check)	108	5/20	80 80 80	8/28	8/31	9/5	9/13	9/23	9/29	49	
		(check)	208	5/20	80 85 80	8/27	8/31	9/5	9/13	9/23	9/29	53	
		(check)	308	5/20	85 85 80	8/27	8/30	9/5	9/13	9/23	9/29	49	
		(check)	408	5/20	80 85 85	8/27	9/1	9/5	9/13	9/23	9/29	52	
				5/20	83	8/27	8/31	9/5	9/13	9/23	—	50	0 — —

Days to Maturity From		Yield			T. wt per Bu (lbs)	Milling Data	
Emergence	Heading	Grams per row	Per A. Bus.	Lbs Bbls		Head Rice	Total Rice

many sterile heads small series

~~111~~ 24 280

~~112~~ 35 235

~~112~~ 28 391 88.4 111.6

~~111~~ 30 298

~~112~~ 28 390

111 23 318.8 41.2 1855 11.5 40.0

~~127~~ 354

~~127~~ 340

~~129~~ 539 88.4 111.6

~~129~~ 459

~~129~~ 603

23
126 27 459 59.4 2671 16.5 43.9

		Plant Emerg- ence	%	Dates						date Harv- ested	Plant Ht. (inches)	lodg- ing	Leaf- spot
				Heading			Ripe						
			Stand	1st	10%	Full	1st	Full					
1561-1	Caloro	9	5/20	80 90 90	8/9	8/12	8/17	8/30	9/7	9/13	40		S
Hand selected seed from Dr. Tullis Disease Acre, 1931 crop													
		109	5/20	90 90 90	8/9	8/11	8/17	8/30	9/8	9/13	38	0	S
		209	5/20	80 85 80	8/8	8/11	8/16	8/30	9/8	9/13	44	0	-S
		309	5/20	80 85 85	8/8	8/11	8/18	8/30	9/8	9/13	40	0	-S
		409	5/20	90 85 85	8/9	8/12	8/18	8/30	9/8	9/13	41	0	-S
			5/20	87 87 87	8/9	8/11	8/17	8/30	9/8	—	41	0	—
1206	Delitus	10	5/20	85 90 90	8/17	8/21	8/27	9/1	9/12	9/20	48		
Hand selected seed from Dr. Tullis Disease Acre, 1931 crop													
	Delitus	110	5/20	90 90 90	8/17	8/22	8/28	9/4	9/13	9/20	48		
		210	5/20	90 90 85	8/12	8/20	8/27	9/3	9/13	9/20	49		
		310	5/20	90 90 90	8/10	8/19	8/26	9/2	9/12	9/20	47		
		410	5/20	85 85 85	8/14	8/19	8/27	9/6	9/14	9/20	50		
			5/20	89 89 89	8/14	8/20	8/27	9/3	9/13	—	48	0	—

Days to Maturity from		Brows per Acre	Yield per A			wt. per Bu. (lbs)	Milling Data	
Emergence	Heading		Bu.	Lbs.	Bbls.		Head Rice	Total Rice

H1 29
397
408
346

H2 30
303
346
376

H2 31
496
514
526
108.3 114.5

H2 31
337
380
307

H2 30
586
558
486

28
— 111 30 441.2 57.1 2568 15.9 44.5

H6 26
285

270
H7 27

H7 32 402 86.4 110.2

H6 33 359

H8 31 488

24
— 116 30 360.8 46.7 2100 13.0 43.5

				Plant Emerg- ence	% stand	Dates				Date Harv- ested	Plant Ht. inches	Ldg- ing	Leaf- Spot
						Heading		Ripe					
						1st	10%	Full	1st	Full			
1344	9821	Fortuna		11	5/20 85 85	8/28	9/1	9/5	9/15	9/24	9/29	49	0
Hand selected seed from Dr. Tullis Disease Acre, 1931 crop													
				111	5/20 80 85	8/28	9/1	9/5	9/13	9/23	9/29	50	0
				211	5/20 90 90	8/29	9/1	9/6	9/16	9/23	9/29	52	0
				311	5/20 85 80	8/27	9/1	9/5	9/13	9/23	9/29	50	0
				411	5/20 90 85	8/28	9/1	9/6	9/14	9/24	9/29	53	0
					5/20 86	8/28	9/1	9/5	9/14	9/23	—	51	0
1988		Acadia		12	5/20 85 85	8/19	8/21	8/27	9/8	9/21	9/29	40	
Hand selected seed from Dr. Tullis Disease Acre, 1931 crop													
		Acadia		112	5/20 85 90	8/19	8/21	8/27	9/7	9/20	9/29	40	
		Acadia		212	5/20 85 85	8/19	8/21	8/27	9/10	9/21	9/29	41	
		Acadia		312	5/20 80 80	8/19	8/21	8/27	9/9	9/20	9/29	40	
		Acadia		412	5/20 90 90	8/18	8/21	8/27	9/10	9/22	9/29	43	
					5/20 86	8/19	8/21	8/27	9/9	9/21	—	41	leaving al.

Days to Maturity From		Yield Data				Milling Data	
Emergence	Heading	Grams Per Row	Per Acre			Per (10s)	
			Bu	Lbs	Bbls.	Head Rice	Total Rice

462
~~128~~ 27 433
 532

408
~~127~~ 26 374
 424

508
~~127~~ 25 575 82.4 110.2
 592

452
~~127~~ 27 501
 475

627
~~128~~ 27 667
 820

22

— 126 ~~26~~ 510 66.0 2968 18.3 435

~~125~~ 33 492 *leaving*

~~124~~ 32 494 *leaving*

~~125~~ 33 533 97.8 116.0 *leaving*

~~124~~ 32 411 *leaving*

~~126~~ 35 950 *leaving very early*

31

— 124 ~~30~~ 576 74.5 3352 20.7 745

Plant Emerg- ance	Stand	Dates						Date Harv- ested	Plant Ht. (inches)	Lodg- ing	Leaf- spot
		Heading			Ripe						
		1st	10%	Full	1st	Full					

Blue Rose Supreme

13 5/20

85

85

85

8/28 8/31 9/4 9/26 9/27 9/29 48 0

"

Hand selected seed from Dr. Tullis' Disease

Acres 1931 crop

113 5/20

80

85

85

8/29 8/31 9/4 9/21 9/28 9/29 48 0

213 5/20

80

85

80

8/28 8/31 9/5 9/21 9/28 9/29 49 0

313 5/20

85

85

80

8/28 8/30 9/4 9/20 9/27 9/29 48 0

413 5/20

90

90

90

8/27 8/31 9/5 9/21 9/28 9/29 51 0

5/20 86 8/28 8/31 9/4 9/21 9/28 49 0

Rexoro

14 5/20

85

80

90

9/14 9/18 9/25 10/4 10/19 10/21 48 0

1779

Hand selected seed from a plot of Rexoro grown on the sta. in 1931, seed of which was obtained

from Mr. Chalkley, Lake Charles, La.

114 5/20

95

95

95

9/15 9/19 9/27 10/5 10/19 10/21 48 0

214 5/20

90

90

90

9/10 9/12 9/25 10/4 10/20 10/21 51 0

314 5/20

85

90

90

9/9 9/11 9/25 10/8 10/18 10/21 47 0

414 5/20

95

95

95

9/16 9/20 9/28 10/4 10/20 10/21 53 0

5/20 90 9/13 9/16 9/26 10/4 10/19 49 0

Days to Maturity from		Yield Data			T. wt. Per Bu (lbs)	Milling Data	
Emergence	Heading	Grams per Pan	Per Acre Bu.	Per Acre lbs.		Head Rice	Total Rice

~~151~~ 30 500
~~151~~ 30 523
 396

~~151~~ 30 446
~~151~~ 30 457
 415

~~151~~ 31 516
~~151~~ 31 595 96.5 113.1
 512

~~151~~ 32 424
~~151~~ 32 401
 364

~~152~~ 32 797
~~152~~ 32 765
 810

28
~~151~~ 33 X 552.2 11.4 3214 19.8 42.7

~~153~~ 35 386
~~153~~ 35 414
 417

~~153~~ 34 491
~~153~~ 34 399
 447

~~154~~ 40 439
~~154~~ 40 512 74.1 110.2
 498

~~152~~ 39 477
~~152~~ 39 456
 459

~~154~~ 34 490
~~154~~ 34 499
 489

33
~~152~~ 33 X 456 59.0 2654 16.4 45.9

Days to Maturity		Yield Data				Milling Data	
Emerg Cnce	Heading	Grams Per Row	Per Acre			Wt Per Bu. (lbs)	Total Rice
			Bu	Lbs.	Bbls		

~~127~~ 127 24 54 70.0 3149 19.4
~~28~~ 14.7

Replicate Rod Row Nursery

C.I. No.	T.S. No.	Variety Name	1931 Row No. or Source	1932 Plant No. or Source	Plant Emerg- ence	70 Stand	No. Feet Miss- ing	Dates			Ripe		Date Harv- ested	Plant Ht. Inches	Lodg- ing %	Head- ing %	Spot
								Heading	1st	10% Full	1st	Full					
8971		Spain Jap SR	73	1001	5/20	85	5	7/25	8/1	8/11	8/18	8/30	9/1	39	0		
				1002	5/20	90	cut										
				1201	5/20	85	1	7/27	8/1	8/11	8/19	8/30	9/1	38			S
				1401	5/20	75	3	7/28	8/1	8/11	8/20	8/30	9/1	38			
				1002	5/20	90	—	7/27	8/1	8/11	8/19	8/30	—	38			S
1600		Colusa RR	Biggs, Cal.	1002	5/20	85	cut	7/25	8/2	8/13	8/21	9/2	9/10	41	0		
		Seed from Rice Field Sta., Biggs, Calif.		1202	5/20	90	cut	7/28	8/3	8/13	8/22	9/2	9/12	40	0		S
				1402	5/20	95		7/29	8/2	8/12	8/21	9/1	9/12	39			
				1002	5/20	92	—	7/27	8/2	8/13	8/21	9/2	—	40	0		S
3794		S. R.	2048	1003	5/20	75	2	8/15	8/17	8/24	9/1	9/19	9/28	50			
				1203	5/20	80	cut	8/16	8/19	8/25	9/4	9/21	9/28	49			S
				1403	5/20	90	cut	8/16	8/18	8/24	9/4	9/21	9/29	47			
				1003	5/20	83	—	8/16	8/18	8/24	9/3	9/20	—	49			S
5411		Naglampas S. R.	3010	1004	5/20	70	cut	8/11	8/18	8/25	8/29	9/14	9/20	45	0		
				1204	5/20	75	3	8/15	8/18	8/26	9/3	9/14	9/20	44	0		S
				1404	5/20	90	cut	8/15	8/18	8/25	9/1	9/14	9/20	44	0		
				1004	5/20	80	—	8/14	8/19	8/25	9/1	9/14	—	44	0		S

Chicago 2 all Texas - ottima Check plots! grain yield green (per row) (Acre) T. wt per Bu. 1st Rice Bbl. Total Rice Bbl. 9

Stand	1st head	fully ripe	plant 1st	leaf spot	shattering	grain yield green (per row)	(Acre)	T. wt per Bu.	1st Rice Bbl.	Total Rice Bbl.
87	8/29	9/23	51	8	little	I 510 II 493 III 644	71.2	3205	43.9	112.3

Days to Maturity from		Yield Data			Milling Data	
Emergence	Heading	Grams Per Row	Per Acre			
			Bu	Lbs	Bbls	
						Head Rice
						Total Rice

100 36 434 no shattering

100 34 332 102.6 114.5 Poor texture, rather chalky

100 38 306 129

102 34 357.3 46.2 2079 12.8 43.2

106 39 575 no shattering

106 36 461 103.2 116.0 + poor texture, rather chalky

105 34 433

105 34 489.7 63.3 2850 17.6 44.3

110 35 534 Very little shattering many stems broken over Very tall which no doubt accounts for breaking over of stems colored glumes

115 36 407 92.4 116.0 + good texture, slightly chalky

115 36 310

123 33 417.0 53.9 2421 15.0 49.8

116 34 373 Very little shattering colored glumes

116 30 343 91.1 113.1 Poor texture, very chalky, T. wt

118 30 553 27

117 31 423.0 54.7 2462 15.2 50.7

C.I. No.	T.S. No.	Variety Name	1931 Row No. or Source	1932 Plant Row No.	Plant Emerg- ence	No. Feet gone	Dates				Date Harv- ested	Plant Wt. (inches)	Lodg- ing %	Leaf split	
							Heading			Ripe					
							1st	10th	Fall	1st	Fall				
4602		S.R.	2066	1005	5/20	60 3 75 cut 65 4 75 1	8/18	8/27	9/2	9/9	9/22	9/28	45	0	
					5/20	75 cut 75 2 75 2 1/2	8/22	8/28	9/3	9/9	9/22	9/28	43	0 nt	
					5/20	90 cut 85	8/22	8/26	9/1	9/9	9/22	9/29	43	0	
					5/20	80 —	8/21	8/27	9/24	9/9	9/22	—	44	0 nt	
5783		R.R.	2095	1006	5/20	75 2 85 cut 80 2 75 2	8/17	8/21	8/25	9/6	9/19	9/20	38	0	
					5/20	80 cut 85 1 85	8/17	8/21	8/24	9/7	9/20	9/20	37	0 nt	
					5/20	90 cut 80 1	8/17	8/20	8/24	9/6	9/19	9/20	39	0	
					5/20	85 —	8/17	8/21	8/24	9/6	9/19	—	38	0 nt	
1344	9821	Fortuna Check 1 R.R.	1007	5/20	90 90 cut 80 2 80	8/23	8/27	9/5	9/12	9/23	9/28	51	0		
						5/20	85 cut 85 85	8/25	8/29	9/4	9/12	9/23	9/28	52	0 S
						5/20	90 90	8/25	8/30	9/5	9/10	9/24	9/29	52	0
						5/20	88 —	8/24	8/29	9/5	9/11	9/23	—	52	0 S
2303	Wataribune Miyako R.R.	2022	1008	5/20	75 80 cut 75 80	8/18	8/23	8/28	9/11	9/19	9/28	45	0		
						5/20	80 cut 80 75 3	8/21	8/22	8/26	9/9	9/19	9/28	42	0 S
						5/20	90 85	8/22	8/22	8/28	9/9	9/19	9/29	42	0
						5/20	83 —	8/19	8/22	8/27	9/10	9/19	—	43	0 S

Days to Maturity from		Yield Data				T. Wt Per Bu (lbs)	Milling Data	
Emerg- ence	Head- ing	Gross Per Row	Per Acre				Head Rice	Total Rice
			Bu.	Lbs	Bbls			

~~126~~ 35 347

shatters badly

~~136~~ 31 384

93.8 113.1

good texture, very few chaffy

~~126~~ 31 444

26

391.7 50.7 2280

~~125~~ 125 32 401.7 54.5 2454 15.8 50.0

~~120~~ 33 437

Does not shatter

~~124~~ 34 374

103.9 114.5

good texture, few chaffy

~~123~~ 34 503

29

~~122~~ 32 438.5 6.6 2549 15.7 42.9

~~129~~ 31 546

Shatters a little
True of all Fortune class

~~129~~ 29 493

86.4 110.2

good texture

~~128~~ 30 579

25

~~126~~ 30 535.0 69.2 3114 19.2 44.1

for average of all checks ^{top of} see page 9

~~123~~ 32 440

Does not shatter

~~128~~ 30 436

97.2 114.5

Medium texture, a chaffy

~~128~~ 30 519

28

~~122~~ 32 465.0 60.1 2706 16.7 43.3

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emer- gence	No Stand	No. Feet missing	Dates			Ripe		Date Harv- ested	Plant Ht. inches	Hdg- ing %	Leaf- Spot.
								1st	10%	Full	1st	Full				
2322		Bujen-ho P.R.	2023	1009	70	3										
	5/20				80	cut	8/20	8/27	8/27	9/11	9/19	9/28	44	0		
					75	2										
					80	1										
	5/20				85	cut	8/19	8/21	8/25	9/9	9/19	9/28	44	0	S	
					75	2										
					80											
	5/20				85		8/18	8/21	8/26	9/9	9/19	9/29	42	0		
					80	1										
							5/20	83	—	8/19	8/21	8/26	9/10	9/19	—	43
7190	No. 8	P.R.	72	1010	100											
					5/20	100	cut	8/22	8/25	9/2	9/5	9/19	9/20	39	100	
						100										
						100										
					5/20	100	cut	8/22	8/24	9/1	9/5	9/18	9/20	43	100	S
						100										
						100										
					5/20	100		8/21	8/24	9/2	9/5	9/18	9/20	43	100	
						100										
								5/20	100	—	8/22	8/24	9/2	9/5	9/18	—
7447	—	P.R.	2101	1011	85											
					5/20	85	cut	8/22	8/24	8/28	9/15	9/24	9/28	42	100	
						80	2									
						80	1									
					5/20	85	cut	8/21	8/24	8/28	9/12	9/24	9/28	42	100	S
						80	1									
						80	1									
					5/20	85		8/21	8/23	8/28	9/12	9/24	9/29	42	100	
						85										
								5/20	85	—	8/21	8/24	8/28	9/13	9/24	—
1561	Wataribune P.R.	2008	1012	80	2											
				5/20	85	cut	8/23	8/25	8/29	9/15	9/24	9/28	43	100		
					80	2										
					85											
				5/20	85	cut	8/22	8/24	8/28	9/12	9/24	9/28	44	100	S	
					80	1										
					75	3										
				5/20	90		8/22	8/24	8/29	9/12	9/24	9/29	44	100		
					80	2										
							5/20	82	—	8/22	8/24	8/29	9/13	9/24	—	44

Day to Maturity from		Yield Data				1. Wt. per Bu. (lbs)	Milling Data	
Emergence	Heading	Grams Per Row	Per Acre				Head Rice	Total Rice
			Bu	Lbs	Bbls			

123 30 527

123 31 523

98.5 114.5

medium to poor texture, rather chalky

128 32 556

29

19.3

122 31 537.0 69.4 3125 25.1 43.2

123 28 597

chatters badly in field, true fall series.

122 27 762

99.2 111.6

good texture, slightly chalky.

122 28 737

25

121 25 698.7 90.8 4066 25.1 46.9

128 33 492

Does not chatter

128 34 523

103.2 117.6

Poor texture, chalky

128 34 543

127 34 519.3 67.2 3022 18.7 45.0

119 32 497

Does not chatter

116 33 499

105.9 117.5

Poor texture, chalky

116 33 619

31

127 33 538.3 69.6 3133 19.3 45.0

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	Sto %	No. Feet Missing	Dates			Ripe		Date Harv- ested	Plant Ht.	Lodg- ing %	Leaf Spot
								Heading		Fall	Fall					
								1st	10%			1st	Fall			
						85										
				1013	5/20	85	cut	8/11	8/13	8/18	8/31	9/9	9/13	41	growing	
						80	2									
						80										
1561-1		Caloro	75	1213	5/20	85	cut	8/10	8/12	8/18	8/30	9/9	9/13	38	growing	S
						85										
						75	3									
				1413	5/20	90		8/9	8/12	8/18	8/29	9/9	9/14	38		
						80	2									
					5/20	87	—	8/10	8/12	8/18	8/30	9/9	—	39		S
						85										
1944	9821	Fortuna Check	1	1014	5/20	85	cut	8/27	8/31	9/5	9/12	9/25	9/28	51		
						80										
						80										
				1214	5/20	85	cut	8/25	8/29	9/7	9/11	9/23	9/28	50		S
						85										
						70	4									
				1414	5/20	90		8/25	8/29	9/6	9/10	9/24	9/29	49		
						80	2									
					5/20	87	—	8/26	8/30	9/6	9/11	9/24	—	50		S
						80										
1988		Acadia	74	1015	5/20	80	1	8/22	8/23	8/30	9/10	9/25	9/28	43		
						85										
						80										
				1215	5/20	85	cut	8/22	8/24	8/29	9/11	9/25	9/28	48		N
						80	1									
						75	1 1/2									
				1415	5/20	90		8/22	8/24	8/29	9/11	9/24	9/29	41		
						80	2									
					5/20	85	—	8/22	8/24	8/29	9/11	9/25	—	42		N
						80										
1988		Acadio	2017	1016	5/20	85	cut	8/22	8/23	8/30	9/10	9/25	9/28	42		
						75	4									
						75	1									
				1216	5/20	80	cut	8/22	8/24	8/29	9/11	9/25	9/28	44		N
						75	2									
						80	2									
				1416	5/20	90		8/22	8/24	8/29	9/11	9/24	9/29	40		
						80	1									
					5/20	85	—	8/22	8/24	8/29	9/11	9/25	—	43		N

Am. Sta	Days to		Yield Data				T. wt. Per Bu. (lbs)	Milling Data					
	Thinning	Maturity	Gms per Pan	Per Acre				Head Rice	Total Rice				
				Emerg-ence	from Head-ing	Bu.							
													Does not chatter
med													

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emergence	No. Feet Missing	Dates			Date Harv- ested	Plant Ht. (inches)	Leaf- ing No.	Leaf- Spot			
							Heading 1st	10%	Full					Ripe 1st	Full	
1428			2007	1017	5/20	85 85 75 80 80	cut 3 1	8/23	8/27	8/31	9/10	9/23	9/28	44	leaving	
		R.R.		1217	5/20	85 80 80	cut	8/22	8/26	9/1	9/10	9/24	9/28	43	leaving	S
				1417	5/20	90 80	1 1/2	8/23	8/25	9/1	9/11	9/23	9/29	46	leaving	
					5/20	87	—	8/23	8/26	9/1	9/11	9/23	9/28	43	J	S
1573		Omachi	2009	1018	5/20	80 80 75 80 80	cut 2 1 1/2 1 1/2 2 1/2	8/23	8/26	9/2	9/12	9/23	9/28	44		
		R.R.		1218	5/20	80 80 70	cut 1 1/2 2 1/2	8/22	8/24	8/31	9/12	9/24	9/28	43		S
				1418	5/20	90 80	1 1/2	8/22	8/24	9/1	9/12	9/24	9/29	42		
					5/20	83	—	8/22	8/25	9/1	9/12	9/24	—	43	0	S
1642		Shinriki	2011	1019	5/20	80 85 80 70	2 cut 4	8/24	8/27	9/3	9/18	10/5	10/5	35		
		R.R.		1219	5/20	85 80 80	1 1 1/2 2	8/22	8/26	9/4	9/18	10/5	10/5	36		S
				1419	5/20	95 85		8/22	8/25	9/1	9/17	10/4	10/5	34		
					5/20	88	—	8/23	8/26	9/3	9/18	10/3	—	35	0	S
3381			2044	1020	5/20	75 75 70 80	2 2 3 1	8/31	9/5	9/16	9/20	10/4	10/5	48		
		S.R.		1220	5/20	85 75 75	3 3 2	9/2	9/6	9/16	9/20	10/3	10/5	48		S
				1420	5/20	85 75	1 1/2	9/3	9/6	9/16	9/22	10/3	10/5	50		
					5/20	82	—	9/2	9/6	9/16	9/21	10/3	—	49	0	S

Am- Tiller- ing	Days to Maturity from		Yield Data			T.Wt. Per Bu. (lbs)	Milling Data	
	Emerg- ence	Head- ing	Gms Per Row	Per Acre	Bu. (lbs.)		Head Price	Total Price

~~127 31~~ 532

Shatters very little

~~128 33~~ 573

105.9 117.5

± good texture, few chaffy

~~129 31~~ 586

~~129 31~~ 580.3 75.0 33.7 20.8 44.0

Does not shatter

~~129 31~~ 549

~~128 33~~ 500

103.9 117.6

± Poor texture, rather chaffy

~~128 33~~ 636

30

~~127 33~~ 561.7 72.6 32.6 20.2 45.0

Shatters very little

~~127 40~~ 461

~~127 42~~ 445

104.6 114.5

± good texture, little chaffy

~~128 43~~ 550

38

~~136 31~~ 502.0 64.9 29.2 18.0 46.0

Shatters a little

~~128 34~~ 370

~~127 31~~ 511

92.4 114.5

Poor texture, very chaffy to shattering

Medium grain

~~127 30~~ 535

27

~~136 31~~ 472.0 61.0 27.4 17.0 47.4

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ance	Sto	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Heat- Spot	
								Heading			Ripe						
								1st	10%	Full	1st	Full					
1344	9821	Fortuna Check	1	1021	5/20	75	3										
					85	cut	8/24	8/29	9/6	9/10	9/24	9/28	48	0			
					80	2											
					85												
					1221	5/20	85	cut	8/29	8/30	9/5	9/11	9/23	9/28	52	0	S
					80	2											
					75	3											
					1421	5/20	90		8/20	8/29	9/4	9/5	9/25	9/29	51	0	
					80	1											
					5/20	87	—	8/24	8/29	9/5	9/9	9/24	—	50	0	S	
3564	—	S.R.	2045	1022	5/20	75	3										
					80		9/2	9/9	9/18	9/24	10/7	10/13	44	0			
					70	2											
					75	3											
					1222	5/20	80	1	9/3	9/9	9/18	9/24	10/5	10/13	46	0	S
					80	1 1/2											
					70	3 1/2											
					1422	5/20	90		9/4	9/9	9/19	9/23	10/6	10/13	40	0	
					75	3 1/2											
					5/20	83	—	9/3	9/9	9/18	9/24	10/6	—	44	0	S	
4375	—	S.R.	2058	1023	5/20	75	2										
					75		8/29	9/3	9/12	9/12	10/2	10/5	49	0			
					75	3											
					80												
					1223	5/20	85		8/29	9/2	9/9	9/14	10/1	10/5	48	0	S
					80	1											
					80	1 1/2											
					1423	5/20	90		8/30	9/2	9/9	9/16	10/2	10/5	50	0	
					85												
					5/20	83	—	8/29	9/2	9/10	9/14	10/2	—	49	0	S	
5548	—	S.R.	2094	1024	5/20	85											
					85		8/29	9/1	9/6	9/20	10/11	10/13	45	leaving			
					80									bed			
					85												
					1224	5/20	85		8/29	8/31	9/4	9/20	10/10	10/13	44	leaving	S
					85												
					90												
					1424	5/20	95		8/29	8/31	9/5	9/20	10/12	10/13	40	leaving	
					95												
					5/20	88	—	8/29	8/31	9/5	9/20	10/12	—	44	7	S	

Am. Tiller ing	Days to Maturity from		Yield Data			T.Wt. Per Bu. (lbs.)	Milling Data	
	Emerg- ence	Head- ing	Gmc. Per Row	Per Acre Bu.	Lbs.	Bbls.	Head Rice	Total Rice

~~118 31~~

410

~~117 27~~

480

81.6 111.6

good texture

~~129 34~~

564

26

~~127 31~~

484.7 62.7 2821 17.4 43.6

Very little shattering

~~141 35~~

399

~~139 32~~

447

83.7 116.0

good texture, few chaffs

medium grain

~~140 32~~

607

28

~~139 33~~

484.3 62.6 2819 17.4 49.7

Shatters a little

~~136 34~~

380

~~135 33~~

498

93.8 111.6

Poor texture, very chaffy, some shattering

medium grain

~~136 33~~

617

~~135 30~~

498.3 64.4 2900 17.9 46.0

Rice not shatter

~~145 43~~

637

~~146 44~~

604

103.2 114.5

Poor texture, chaffy

~~146 43~~

706

42

~~145 44~~

649.0 83.9 3777 23.3 42.9

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Miss- ing	Dates			Ripe		Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- spot	
							Heading			Full						
							1st	10%	Full	1st	Full					
4700		RR	2071	1025	5/20	85										
						85	9/10	9/12	9/20	10/5	10/10	10/25	50			
						85										
						95										
						95	9/10	9/13	9/21	10/3	10/10	10/18	52		N	
						90										
						95										
						95	9/9	9/13	9/21	10/4	10/10	10/13	52			
						95										
						5/20	92	—	9/10	9/13	9/21	10/3	10/10	—	51	Bad
5343		SR	2087	1026	5/20	90										
						90	9/10	9/17	9/24	10/6	10/15	10/17	48			
						90										
						90										
						90	9/4	9/14	9/24	10/6	10/14	10/17	50		N	
						90										
						100										
						100	9/10	9/17	9/25	10/8	10/14	10/17	51			
						100										
						5/20	93	—	9/8	9/16	9/24	10/7	10/14	—	50	Very Bad
End of Short-Grain Rices																
Beginning of Medium-Grain Rices																
	243A5-8	S.R.	3001	1027	5/20	85										
						85	auto	7/23	8/5	8/10	8/17	8/31	9/1	36	0	
						80										
						85										
						85	cut	7/23	8/4	8/11	8/19	9/2	7/12	40	0	S
						80										
						85										
						90	7/23	8/3	8/8	8/20	8/29	9/1	37	0		
						90										
						5/20	87	—	7/23	8/4	8/10	8/19	8/31	—	38	0
1344	9821 Fortuna Check	1	1028	5/20	85	cut	8/23	8/30	9/5	9/15	9/24	9/28	52			
					85											
					95											
					95	cut	8/24	8/27	9/5	9/9	9/23	7/25	55		S	
					80	1										
					85											
					90	8/22	8/30	9/5	9/10	9/23	7/29	50				
					80	1										
					5/20	87	—	8/23	8/29	9/5	9/8	9/23	—	51	0	S

Am. Tiller- ing	Days to Maturity from		Yield Data			G.Wt. Per Bu. (lbs.)	Milling Data	
	Emerg.	Head- ing	Gms. Per Row	Per Acre	Bu.		Head Rice	Total Rice

Very heavy tillering

~~144~~ 30 577

~~144~~ 30 700

~~144~~ 31 785

27

143 30 647.3 89.9 4000 24.7 43.9

very little hatterning

Poor texture, very chalky

~~149~~ 35 564

~~148~~ 34 645

~~148~~ 34 661

28

147 35 623.3 80.6 3628 22.4 44.1

very little hatterning

Brownish seed coat, poor texture,
very chalky, + amylaceous

~~104~~ 39 232

~~106~~ 41 256

~~102~~ 37 321

27

103 39 286.3 37.0 1666 10.3 40.9

very much in heading
make selections from
many sterile panicles

Very good texture

no shattering

some sterile panicles

~~126~~ 32 510

~~127~~ 30 443

~~127~~ 32 644

25

19.7

126 31 549.0 71.0 3195 11.7 43.8

good texture, fine chalky

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Hdg- ing %	Leaf Spot
							Heading			Ripe					
							1st	10%	Full	1st	Full				
		243A5-9 R.R.	3002	1029	5/20	85									
					9/20	90	cut	8/5	8/11	8/18	8/25	9/9	9/13	41	0
						85	2								
						80									
					5/20	85	cut	8/4	8/9	8/18	8/24	9/7	9/13	43	0 -S
						85									
						80	2								
					5/20	90		8/5	8/10	8/18	8/25	9/9	9/14	40	0
						85									
					5/20	88	—	8/5	8/10	8/18	8/25	9/8	—	41	0 -S
		241B5-30 <u>Caladus</u> R.R.	3003	1030	5/20	85	cut	8/1	8/14	8/20	8/31	9/11	9/13	42	0
						85	2								
						85									
					5/20	90	cut	8/0	8/14	8/20	9/1	9/10	9/13	43	0 S
						80									
						85									
					5/20	90		8/10	8/13	8/18	9/1	9/10	9/14	42	0
						85									
					5/20	88	—	8/10	8/14	8/19	9/1	9/10	—	42	0 S
		241A(PI) 31-2 R.R.	3004	1031	5/20	80									
					9/20	85	cut	8/13	8/18	8/23	9/3	9/12	9/13	41	0
						85									
						85									
					5/20	90	cut	8/13	8/17	8/22	9/5	9/12	9/13	44	0 S
						80	1								
						90									
					5/20	90		8/15	8/17	8/22	9/5	9/12	9/14	42	0
						85									
					5/20	88	—	8/14	8/17	8/22	9/4	9/12	—	42	0 S
5883		Early Prolific R.R.	3	1032	5/20	85									
					9/20	85	cut	8/4	8/9	8/19	8/24	9/8	9/13	43	0
						85									
						80	1								
					5/20	85	cut	8/3	8/8	8/18	8/25	9/7	9/13	45	0 S
						80	1								
						90									
					5/20	90		8/4	8/8	8/18	8/25	9/9	9/14	44	0
						85									
					5/20	88	—	8/3	8/8	8/18	8/25	9/8	—	44	0 S

Am. Tiller- ing	Days to Maturity from		Yield Data				T.Wt. Per Bu. (lbs)	Milling Data	
	Emerg- ence	Head- ing	Gms per Pan	Per Acre				Head Rice	Total Rice
				Bu.	Lbs.	Bbls			

~~113 35~~ 457

No shattering

med ~~111 34~~ 412 101.9 113.1

Very good texture, shorter grain than 24345-6

~~113 35~~ 437

111 29 435.3 56.3 2533 15.6 42.4

~~115 31~~ 440

No shattering

med ~~114 31~~ 411 102.6 113.1

Very good texture, equal to that of Blue Rose. Shape & length similar to Blue Rose, ~~fairly~~ a little shorter in length

~~114 31~~ 461
27

113 37 437.3 56.6 2545 15.7 44.9

No shattering

~~116 30~~ 511

med ~~116 30~~ 474 103.2 113.1

Very good texture, equal to that of Blue Rose. Grain almost identical in shape to that of Blue Rose.

~~116 28~~ 417
26

115 28 467.3 60.4 2720 16.8 40.4

No shattering

~~112 35~~ 504

med ~~111 35~~ 412 100.5 113.1

± good texture, slightly to medium.

~~113 36~~ 434
31

111 36 470.0 60.8 2735 16.9 42.1

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Missing	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- Spot
							Heading			Ripe					
							1st	10%	Full	1st	Full				
		Early Blue Rose		1033	5/20	85	7/31	8/10	8/19	8/25	9/9	9/13	48	0	
		Seed obtained from Rice Branch Exp. Sta. Stuttgart, Ark. 1931 crop		1233	5/20	90	8/5	8/8	8/18	8/26	9/7	9/13	43	0	S
		R.R.		1433	5/20	95	8/5	8/8	8/17	8/25	9/9	9/14	45	0	
					5/20	90	8/3	8/9	8/18	8/25	9/8		44	0	S
5321		Guininto	67	1034	5/20	85	8/4	8/10	8/20	8/26	9/9	9/13	44	0	
		R.R.		1234	5/20	85	8/5	8/10	8/18	8/27	9/8	9/13	45	0	S
				1434	5/20	90	8/5	8/9	8/18	8/25	9/10	9/14	45	0	
					5/20	87	8/5	8/10	8/19	8/26	9/9		45	0	S
1344	9821	Fortuna Check	1	1035	5/20	85	8/24	8/31	9/5	9/12	9/24	9/29	53	0	
		See 1007		1235	5/20	85	8/25	8/27	9/1	9/11	9/22	9/28	53	0	S
				1435	5/20	90	8/25	8/28	9/5	9/10	9/23	9/29	52	0	
					5/20	87	8/25	8/29	9/4	9/11	9/24		53	0	S
5883		Early Prolific	2098	1036	5/20	85	8/4	8/14	8/21	8/29	9/11	9/13	48	0	
		S.R.		1236	5/20	80	8/11	8/11	8/20	8/28	9/9	9/15	49	0	S
				1436	5/20	90	8/7	8/13	8/18	8/29	9/11	9/14	44	0	
					5/20	87	8/4	8/13	8/20	8/29	9/10		47	0	S

Am. Tiller- ing	Days to maturity from		Yield Data				T.Wt Per Bu.	Milling Data	
	Emerg- ence	Head- ing	Gms. Per 100W	Per Acre				Head Rice	Total Rice
				Bu.	Lbs.	Bbls.			

~~115 40~~ 498

No shattering

med ~~111 33~~ 540

100.5 114.5

± good texture, very similar
to Early Prolific in this
respect, ± tannetous.

~~113 35~~ 498

30

111 ~~38~~ 509.7 65.9 2966 18.8 42.2

No shattering

~~113 36~~ 498

med ~~112 34~~ 466

100.5 113.1

± good texture, very similar
to Early Prolific ± tannetous

~~114 41~~ 504

30

112 ~~39~~ 487.7 63.1 2888 17.5 42.5

~~126 31~~ 577

med to
fine ~~126 28~~ 544

79.3 111.6

good texture ± shabby

~~127 29~~ 564

26

127 ~~30~~ 561.7 72.6 3269 20.2 43.7

No shattering

~~115 38~~ 511

med ~~113 39~~ 482

104.6 117.6

± good texture ± tannetous

~~115 35~~ 384

28

113 ~~37~~ 465.0 60.0 2706 16.7 40.6

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	Stk %	No. Feet Miss- ing	Dates			Date Harv- ested	Plant Ht. inches	Ldg- ing %	Leaf Spot		
								Heading		Ripe						
								1st	10%	Full	1st	Full				
461		P.R.	2003	1037	5/20	80	1 1/2									
						85	cut	8/13	8/18	8/24	9/1	9/14	9/20	48	0	
						85										
						70	4									
					5/20	80	cut	8/12	8/18	8/25	9/1	9/14	9/20	49	0	St
					75	3										
					65	3 1/2										
				1437	5/20	95	cut	8/15	8/20	8/25	9/1	9/15	9/20	48	0	
					75	3										
					5/20	87	—	8/13	8/19	8/25	9/1	9/14	—	48	0	St
4992		S.R.	2077	1038	5/20	80										
						85	cut	8/15	8/23	8/31	9/4	9/18	9/20	46	0	
						80										
						75	2									
					5/20	80	cut	8/12	8/24	9/2	9/5	9/18	9/20	46	0	S
					80	2										
					75	3										
				1438	5/20	90	cut	8/20	8/25	9/3	9/5	9/20	9/20	47	0	
					85											
					85	—		8/16	8/24	9/2	9/5	9/19	—	46	0	S
2997		S.R.	2040	1039	5/20	85										
						85	cut	8/25	8/28	9/1	9/9	9/22	9/28	51	0	
						85										
						80										
					5/20	85	cut	8/22	8/27	9/1	9/9	9/19	9/28	51	0	S
					80											
					80	1										
				1439	5/20	90		8/25	8/29	9/4	9/11	9/21	9/29	50	0	
					80	1 1/2										
					5/20	87	—	8/24	8/28	9/2	9/10	9/21	—	51	0	S
4322		S.R.	2057	1040	5/20	80										
						80	cut	8/25	8/28	9/5	9/9	9/25	9/29	46	0	
						80										
						75	3									
					5/20	80	cut	8/25	8/28	9/5	9/12	9/25	9/29	48	0	S
					80	1 1/2										
					80											
				1440	5/20	90	cut	8/28	8/30	9/5	9/13	9/25	9/29	46	0	
					85											
					5/20	83	—	8/26	8/29	9/5	9/11	9/25	—	47	0	S

Am. Tiller- ing	Days to Maturity from		Yield Data				T.Wt. per Bu. (lbs.)	Milling Data	
	Emerg- ence	Head- ing	Gms Per Row	Per Acre				Head Rice	Total Rice
				Bu	Lbs	Bbls			

118 30			538					
118 33			392				95.8	113.1
118 31			457					
27								
117 30			462.3	59.8	26.9	16.6	45.6	
122 31			621					
122 31			470				97.8	110.2
124 31			461					
36								
122 34			517.3	66.9	30.1	18.6	no T.Wt	
121 28			545					
123 28			552				99.9	116.0
125 27			583					
24								
124 28			560.0	72.4	32.5	20.1	46.8	
129 31			371					
129 31			409				89.1	114.5
129 28			461					
27								
128 30			413.7	53.5	24.0	14.9	45.7	

No shattering

medium to long grain type

Good texture, very little chalkiness

headed variety

No shattering

medium to long grain type

Very good texture

Very little shattering

golden glumes

Very tomentose

open type panicle

Very little shattering

grain slightly chalky, much smaller than Blue River, about equal length, good texture

C.I. No.	T.S. No	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No Stand	No. Feet Miss- ing	Dates			Ripe		Date Harv- ested	Plant Ht. (inches)	Lodg- ing	Leaf- Spot
								Heading								
								1st	10%	Full	1st	Full				
4830		P.R.	2072	1041	5/20	80										
					80	cut	8/20	8/25	8/30	9/8	9/23	9/28	45	0		
					80	1										
					85											
					80	cut	8/24	8/27	9/2	9/10	9/23	9/28	49	0	ru+	
					75	2										
					80	1										
					90	cut	8/24	8/28	9/5	9/10	9/21	9/29	43	0		
					85											
					5/20	83	—	8/23	8/27	9/2	9/10	9/22	—	46	0	ru+
1344	9821	Fortuna Check 1	1042	5/20		85										
						85	cut	8/15	8/25	8/31	9/9	9/20	9/28	51	0	
						80										
						85										
						85	cut	8/24	8/28	9/2	9/10	9/23	9/29	52	0	S
					85											
					80	1 1/2										
					90		8/25	8/30	9/5	9/12	9/23	9/29	58	0		
					85											
					5/20	87	—	8/21	8/28	9/2	9/10	9/22	—	52	0	S
1265		P.R.	2006	1043	5/20	85										
					85		8/25	9/3	9/10	9/16	10/2	10/5	49	0		
					85											
					85		8/31	9/5	9/10	9/18	10/3	10/5	45	0	S	
					85											
					80	1										
					90		9/3	9/5	9/10	9/20	10/2	10/5	49	0		
					85											
					5/20	87	—	8/30	9/4	9/11	9/18	10/2	—	49	0	S
4440		P.R.	2059	1044	5/20	85										
					85		8/24	8/29	9/8	9/13	9/27	10/5	52	0	considerable	
					80	1										
					85											
					90		8/27	8/30	9/6	9/13	9/28	10/5	53	0	S	
					90											
					80	1										
					90		8/28	8/31	9/6	9/13	9/27	10/5	54	0		
					80	1										
					5/20	88	—	8/26	8/30	9/7	9/13	9/27	—	53	0	S

No.	Days to Maturity from		Yield Data			Milling Data	
	Emerg	Head-ing	Gms per Row	Per Acre		Head Rice	Total Rice
				Bu	Lbs		

~~127~~ ~~29~~ 553

Very little shattering
Slightly shorter kernel than Blue Rice
good texture.

~~127~~ ~~30~~ 574 92.4 113.1

~~125~~ ~~28~~ 585
26

→ 125 ~~30~~ 570.7 73.8 332 20.5 50.6

~~124~~ ~~36~~ 572

~~127~~ ~~30~~ 513 79.3 111.6

good texture

~~127~~ ~~29~~ 632
25

→ 125 ~~32~~ 572.3 74.0 331 20.6 43.7

~~136~~ ~~38~~ 398

very little shattering
Slightly longer grain than Blue Rice
more slender, more of a long grain
type, good texture.

~~127~~ ~~38~~ 447 94.5 113.1

~~136~~ ~~29~~ 476
28

→ 135 ~~38~~ 441.0 57.0 256 15.3 45.2

~~131~~ ~~34~~ 519

Looks good in all series
damaged by birds & growth from the
considerably
Very little shattering

~~132~~ ~~32~~ 351 83.2 113.1

Some damage on birds
shorter grain than Blue Rice, chaffy
pockets on grain, poor texture

~~131~~ ~~30~~ 616
28

→ 130 ~~38~~ 495.3 64.1 288.3 17.8 45.3

O.I. No.	I.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emergence	No. Stand	No. Feet Missing	Dates			Ripe		Date Harvested	Plant Ht. (inches)	Lodging %	Leaf-Spot
								Heading 1st	10%	Full	1st	Full				
2/28		Improved Blue Rose	2021	1045	5/20	85		8/22	8/24	8/31	9/15	9/25	9/28	49	0	
		RR		1245	5/20	90		8/24	8/27	9/3	9/16	9/25	9/28	49	0	S
				1445	5/20	90	1 1/2	8/25	8/28	9/3	9/15	9/25	9/29	48	0	
					5/20	88	—	8/24	8/26	9/2	9/15	9/25	—	48	0	S
2930		—	2036	1046	5/20	85		9/1	9/4	9/12	9/19	10/5	10/5	48	0	
		RR		1246	5/20	85		9/1	9/7	9/13	9/19	10/4	10/5	50	0	S
				1446	5/20	90	1 1/2	9/3	9/9	9/13	9/18	10/4	10/5	49	0	
					5/20	88	—	9/2	9/7	9/13	9/19	10/4	—	49	0	S
1160	1555	—	56	1047	5/20	85		8/25	8/29	9/3	9/18	9/28	9/30	49	0	
		RR		1247	5/20	85	1	8/25	8/29	9/4	9/18	9/28	9/30	49	0	S
				1447	5/20	90	4	8/28	8/31	9/3	9/19	9/28	9/30	51	0	
					5/20	88	—	8/26	8/30	9/3	9/18	9/28	—	49	0	S
5793		Blue Rose Supreme	86	1048	5/20	85		8/25	8/29	9/3	9/18	9/27	9/30	48	0	
		RR		1248	5/20	85		8/25	8/29	9/3	9/18	9/28	9/30	50	0	S
		Check in 1933		1448	5/20	90		8/25	8/31	9/3	9/19	9/27	9/30	48	0	
					5/20	87	—	8/25	8/30	9/3	9/18	9/27	—	49	0	S

Am. Tiller- ing	Days to Maturity from		Yield Data				T.Wt. per Bu. (lbs.)	Milling Data	
	Emerg- ence	Head- ing	Gms per Row	Per Acre				Head Rice	Total Rice
				Bu.	Lbs.	Bbls.			

~~129 34~~ 607

no shattering
Good Blue Rose type. Grain slightly
shorter. very good texture

~~129 32~~ 657

101.9 113.1

~~129 31~~ 638

30

128 ~~32~~ 634.0 82.0 3690 22.8 42.5

~~137 32~~ 518

Very little shattering

Tombstoner kernels, about shape of
Blue Rose.

~~138 33~~ 513

95.8 113.1

~~138 31~~ 549

27

137 ~~32~~ 536.7 69.4 3124 19.8 50.2

~~132 34~~ 496

no shattering
Very good Blue Rose type.
Very good texture

~~132 34~~ 596

101.2 114.5

~~132 31~~ 701

29

131 ~~33~~ 597.7 77.3 3479 21.5 43.2

~~131 33~~ 497

Very good texture no shattering

~~132 34~~ 685

99.2 113.1

~~131 33~~ 548

28

130 ~~33~~ 577.3 74.7 3360 20.7 42.6

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	% Stand	No. Feet Missing	Dates					Date Harv- ested	Plant Ht. (inches)	Hdg- ing %	Leaf Spot	
								Heading			Ripe						1st
1344	9821	Fortuna Check	1	1049		85											
						85	cut	8/23	8/25	8/31	9/9	9/19	9/28	51	0		
						80	2										
						85											
						90	cut	8/22	8/26	9/1	9/9	9/22	9/28	51	0	S	
				1249		90											
				1449		90		8/24	8/30	9/3	9/10	9/24	9/29	53	0		
						85											
						5/20	88	—	8/23	8/27	9/1	9/9	9/22	—	52	0	S
1962	7183	Blue Rose (old style)	85	1050		80	1										
						85		8/26	8/29	9/3	9/19	9/28	9/30	49	0		
						80											
						85	cut										
						80	1	8/28	8/30	9/4	9/19	9/29	9/30	50	0	-S	
				1250		80	1										
						75	2 1/2										
				1450		85		8/30	9/1	9/4	9/20	9/29	9/30	51	0		
						80	1										
						5/20	85	—	8/28	8/30	9/4	9/19	9/29	—	50	0	-S
5463	Tinuco	PR	80	1051		80											
						85	cut	8/23	8/28	9/1	9/17	9/25	9/29	50	0		
						85											
						85											
						95	cut	8/25	8/29	9/3	9/18	9/26	9/27	50	0	S	
				1251		90											
						85											
				1451		90		8/25	8/30	9/3	9/18	9/27	9/29	51	0		
						85											
						5/20	90	—	8/24	8/29	9/2	9/18	9/26	—	51	0	S
2198	Early Prolific Sel.	S.R	66	1052		80	2										
						80		8/1	8/4	8/4	8/22	9/1	9/12	44	0		
						80	1										
						85											
						85	cut	8/5	8/10	8/17	8/24	9/3	9/12	49	0	St	
				1252		80	1 1/2										
						75	2 1/2										
				1452		85	cut	8/7	8/12	8/17	8/26	9/5	9/12	44	0		
						80	1 1/2										
						5/20	83	—	8/4	8/9	8/16	8/24	9/3	—	45	0	St
End of Medium-Grain Rices																	

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- Spot		
							Heading			Ripe							
							1st	10%	Full	1st	Full						
3882	First of Long-Grain Rices	L.R	2051	1053	80	2											
					80	1	8/29	9/4	9/13	9/15	10/3	10/5	47	0			
					80	1											
					85												
					85		9/2	9/5	9/14	9/18	10/6	10/5	49	0	S		
					90												
					75	2 1/2											
					90		9/6	9/11	9/16	9/20	10/5	10/6	47	0			
					85												
									5/20 85	—	9/2	9/7	9/14	9/18	10/4	—	48
2011	—	-PR	2018	1054	85	3											
					75	2	cut	8/6	8/12	8/22	8/22	9/9	9/13	48	0		
					75	3											
					75	3											
					75	2	cut	8/14	8/16	8/22	8/26	9/9	9/13	47	0	S	
					70	3											
					60	5 1/2											
					90		8/13	8/17	8/21	8/29	9/10	9/14	45	0			
					80	1 1/2											
									5/20 90	—	8/11	8/15	8/22	8/26	9/9	—	47
1711	—	~ PR	2014	1055	70	3											
					80	cut	8/1	8/8	8/18	8/18	9/6	9/13	49	0			
					75	2											
					75	2											
					80	1 1/2	8/10	8/12	8/18	8/25	9/8	9/13	48	0	S		
					80	cut											
					80	2											
					90		8/11	8/14	8/19	8/28	9/9	9/14	49	0			
					85												
									5/20 83	—	8/7	8/11	8/18	8/24	9/8	—	49
1344	9821 Fortuna Check	See 1007	1	1056	85												
					85	cut	8/20	8/23	8/30	9/5	9/19	9/28	51	0			
					85												
					80												
					85	cut	8/20	8/26	9/3	9/8	9/22	9/28	52	0	S		
					85												
					85												
					91	89	8/5	8/29	9/2	9/10	9/23	9/29	54	0			
					95	1											
									5/20 87	—	8/22	8/26	9/1	9/8	9/22	—	52

Ann. Tiller- ing	Days to Maturity from		Yield Data			T. Wt. Per Bu. (lbs.)	Milling Data	
	Emerg- ence	Head- ing	Gms Per Pan	Per Acre			Head Rice	Total Rice
			Bu.	lbs.	Bbls.			

~~137 35~~ 433

Very little shattering

~~139 33~~ 490

86.4 113.1

± poor texture, very chalky

~~139 29~~ 491

28

~~137 32~~ 471.3 61.0 2743 16.9 46.0~~113 34~~ 414poor stand
Very little shattering~~113 26~~ 414

91.8 113.1

very poor stand

± good texture, rather chalky

~~114 28~~ 568

25

~~112 29~~ 465.3 60.2 2768 16.7 44.4~~110 36~~ 361

little shattering

~~112 29~~ 308

93.8 110.2

Very good texture

~~113 29~~ 497

28

~~111 32~~ 388.7 50.3 2262 14.0 45.3~~123 30~~ 477~~126 33~~ 527

81.6 111.6

good texture

~~127 29~~ 698

27

~~125 31~~ 560.7 72.5 3263 20.1 43.8

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	90 Stand	No. Feet missing	Dates			Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- spot						
								Heading							Ripe					
								1st	10%	Full	1st	Full								
2127		Edith	79	1057		80			7/31	8/7	8/18	8/18	9/5	9/10	40	0				
						85														
						80														
						80	1													
						85	cut	8/1	8/9	8/18	8/22	9/7	9/12	40	0	S				
					80	1														
					80															
					90	cut	8/5	8/10	8/18	8/23	9/8	9/12	40	0						
					80	1 1/2														
					5/20	87	—	8/2	8/9	8/18	8/20	9/7	—	43	0	S				
5550	Mortgage Lifter Seed obtained from Rice Branch Exp. Sta. Stuttgart, Ark. (1931 crop)			1058		85			8/1	8/13	8/20	8/22	9/5	9/12	42	0				
						90														
						90														
						95	cut	8/8	8/13	8/20	8/24	9/6	9/12	48	0	St				
						95														
					95															
					95	cut	8/8	8/13	8/19	8/25	9/5	9/12	44	0						
					90															
					5/20	93	—	8/6	8/13	8/20	8/24	9/5	—	46	0	St				
7705	Storm Proof		78	1059		90			8/1	8/11	8/20	8/18	9/5	9/10	43	0				
						90														
						80														
						80														
						85	cut	8/8	8/14	8/20	8/25	9/6	9/12	45	0	St				
					85															
					90															
					90	cut	8/8	8/12	8/18	8/24	9/5	9/12	50	0						
					90															
					5/20	88	—	8/6	8/12	8/19	8/22	9/5	—	46	0	St				
3625	Shoemed (Starchy) Seed obtained from Rice Exp. Sta. Crowley, La. (1931 crop)			1060		90			8/11	8/17	8/22	8/26	9/15	9/20	46	0				
						90														
						85														
						85														
						85	cut	8/13	8/18	8/23	9/2	9/17	9/20	45	0	St				
					85															
					85															
					90			8/12	8/16	8/22	8/27	9/17	9/20	50	0					
					90															
					5/20	88	—	8/12	8/17	8/22	8/29	9/16	—	48	0	St				

Am. Filling	Days to Maturity from Emerg- ence	Yield Data			T. wt per Bu. (lbs.)	Milling Data					
		Bms. Per Row	Per Acre			Head Rice per Bbl.	Total Rice per Bbl.				
		Bu.	Lbs.	Bbls							
109 36	241										many straight heads no shattering
111 37	378				99.9	113.1			good texture		much better than 1057 few shatter heads.
112 34	450										
29											
110 30	356.3	46.1	2074	12.8	39.6						
109 35	234										no shattering
110 29	348				89.7	113.1			good texture, large amount of rice present		
109 28	401										
23											
108 30	327.7	42.4	1907	11.8	41.5						
109 35	345										no shattering
110 29	478				97.8	113.1			good texture, very little chaff		
109 28	539										
24											
108 30	454.0	58.7	2642	16.8	43.8						
119 35	377										little shattering
	374										
	414										
	442										
121 35	451				84.3	114.5			good texture, I chaff		
	457										
	465										
121 36	527										
30	634										
119 35 ^x	467.3	60.4	2720	16.8	50.2						

x center rows only

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Missing	Dates			Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot	
							Heading		Ripe					
					% Stand		1st	1st to Full	1st	Full				
5451	Lady Wright	R.R.	2	1061	80									
					85	cut	8/1	8/7 8/17	8/22	9/6	9/10	40	0	
					80	1								
					80	1 1/2								
					80	1	8/1	8/9 8/17	8/23	9/6	9/12	46	0	St
					85	cut								Trt
					80	1 1/2								
					90	cut	8/1	8/5 8/15	8/22	9/6	9/12	40	0	
					80	1 1/2								
					5/20	87	—	8/1	8/7 8/16	8/22	9/6	—	48	0
	Lady Wright Sel. #1	S.R.	37	1062	85									
					85	cut	8/1	8/8 8/16	8/21	9/6	9/10	39	0	
					85									
					85									
					85	cut	8/5	8/9 8/18	8/23	9/6	9/12	44	0	St
					80	1								Trt
					80	1								
					90	cut	8/1	8/5 8/15	8/22	9/5	9/12	42	0	
					80	2								
					5/20	87	—	8/2	8/7 8/16	8/22	9/6	—	42	0
1344	9821 Fortuna Check	See 1007	1	1063	80									
					85	cut	8/20	8/24 8/30	9/5	9/20	9/28	51		
					85									
					85									
					85	cut	8/24	8/27 9/1	9/4	9/22	9/28	54		S
					80									
					80	2								
					90		8/20	8/24 8/29	9/5	9/23	9/29	54		
					80	2								
					5/20	87	—	8/21	8/25 8/30	9/5	9/22	—	53	0
	Lady Wright Sel. #2	S.R.	38	1064	85									
					85	cut	7/31	8/5 8/15	8/21	9/5	9/10	42	0	
					85									
					80	1 1/2								
					80	1 1/2	8/5	8/9 8/16	8/23	9/5	9/12	40	0	St
					80	1 1/2								
					95	3								
					90	cut	8/4	8/7 8/14	8/24	9/5	9/12	45	0	
					80	2								
					5/20	85	—	8/3	8/7 8/15	8/23	9/5	—	43	0

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	70 Stand	No. Feet Missing	Dates			Ripe		Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot	
								Heading									
								1st	10%	Full	1st	Full					
		Lady Wright Sel. #3	39	1065		80	3										
						85	cut	7/31	8/7	8/16	8/21	9/6	9/10	40	0		
						85											
		S.R.		1265		75	3										
						85	cut	8/5	8/10	8/17	8/23	9/7	9/12	44	0	St	
						80											
				1465		80	2										
						90	cut	8/5	8/8	8/15	8/24	9/7	9/12	42	0		
						85											
						5/20	87	—	8/3	8/8	8/16	8/23	9/7	—	42	0	St
		Lady Wright Sel. Sel. No. 13	52	1066		80											
						85	cut	7/31	8/6	8/15	8/22	9/1	9/10	42	0		
						85	1										
		P.R.		1266		85											
						85	cut	8/4	8/9	8/16	8/23	9/6	9/12	43	0	St	
						85											
				1466		80	2										
						85	cut	8/3	8/8	8/15	8/25	9/6	9/12	45	0		
						85											
						5/20	85	—	8/2	8/8	8/15	8/23	9/4	—	43	0	St
		Lady Wright Sel. Sel. No. 14	53	1067		80	1										
						85	cut	7/30	8/6	8/15	8/22	9/1	9/10	41	0		
						80											
		RR		1267		80	1 1/2										
						85	cut	8/4	8/7	8/16	8/23	9/2	9/12	44	0	St	
						80	1 1/2										
				1467		80	1										
						85	cut	8/5	8/9	8/15	8/25	9/5	9/12	42	0		
						75	2 1/2										
						5/20	85	—	8/3	8/7	8/15	8/23	9/3	—	42	0	St
		Lady Wright Sel. Sel. No. 16	55	1068		85											
						85	cut	8/1	8/10	8/18	8/23	9/6	9/10	42	0		
						85											
		S.R.		1268		75	4										
						80	2	8/1	8/8	8/18	8/24	9/5	9/12	45	0	St	
						85	cut										
				1468		75	2 1/2										
						85	cut	8/1	8/11	8/19	8/24	9/6	9/12	44	0		
						80											
						5/20	85	—	8/1	8/10	8/18	8/24	9/6	—	44	0	St

Am. Tiller- ing	Days to Maturity from Emerg- ence	Head- ing	Yield Data			T.Wt. Per Bu. (lbs)	Milling Data					
			Gms. Per Fov	Bu	Lbs		Bbls.	Head Rice				
			215									many sterile heads
			541			99.2	113.1		good texture			few sterile heads
			415									
		30	110	35	410.3	53.1	2388	14.7	40.9			
			479									looks good 9/5
			516			101.2	118.1		good texture			Looks good 9/5
			480									
		27	107	38	491.7	63.6	2862	17.7	40.3			
			467									looks good.
			489			102.6	114.5		good texture			
			474									
		27	106	34	476.7	61.6	2774	17.1	40.4			
			500									± uneven
			470			93.8	111.6		good texture			
			516									
		27	109	36	495.3	64.1	2883	17.8	39.2			

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	Stand	No. Feet Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot
								Heading			Ripe				
								1st	10%	Full	1st	Full			
		LW 11					90								
		Lady Wright #	3008	1069			90	7/27	8/1	8/12	8/14	8/26	8/29	37	0
							85								
							95								
				1269			95	7/29	8/2	8/12	8/14	8/26	8/29	39	0 S
							95								
				1469			80 1 1/2								
							90	8/1	8/5	8/12	8/17	8/26	8/29	38	0
							85								
							5/20 92	—	7/29	8/3	8/12	8/15	8/26	—	38 0 S
							85								
1344	9821	Fortuna check 1	1	1070			90 cut	8/20	8/25	8/30	9/6	9/20	9/28	52	0
							90								
							95								
				1270			95 cut	8/21	8/25	8/29	9/6	9/21	9/28	55	0 S
							90								
							85								
				1470			90	8/24	8/27	9/1	9/5	9/22	9/29	52	0
							75 3								
							5/20 92	—	8/22	8/26	8/30	9/6	9/21	—	53 0 S
		LW 10					85								
		Lady Wright 10	3007	1071			90 cut	8/10	8/15	8/21	8/25	9/9	9/13	40	0
							90								
							95								
				1271			95 cut	8/14	8/14	8/18	8/26	9/8	9/13	48	0 -S
							95								Tit
							85								
				1471			90 cut	8/8	8/15	8/19	8/26	9/9	9/14	45	0
							80 2 1/2								
							5/20 92	—	8/10	8/15	8/19	8/26	9/9	—	44 0 -S
							85								
							90	7/27	8/6	8/15	8/22	9/1	9/10	40	0
							90								
							85								
				1272			90 cut	8/1	8/5	8/13	8/22	9/4	9/12	46	0 S
							85								
							80 1 1/2								
				1472			90 cut	7/29	8/8	8/16	8/22	9/5	9/12	42	0
							80								
							5/20 90	—	7/29	8/6	8/15	8/22	9/3	—	43 0 S

Am. Tiller ing	Days to Maturity from Emerg- ence	Head- ing	Yield Data			T. wt. Per 3a. (lbs.)	Milling Data													
			Gms. Per Row	Per Acre			Head Rice	Total Rice												
			Bu	Lbs.	Bbls.															
me	97		471																	appears very uniform 3/4 no lodging, but a rather light straw on all series
me	98		485					103.9	117.6											good texture,
me	99		413																	
	98	28	456.3	5902	656	16.4	40.3													
			581																	
me	100		748					85.7	113.1											good texture
			667																	
	124	32	665.3	86.0	3872	23.9	44.2													
			463	413																looks good
	112	32	518	413																
			477																	
			596																	
mult	112	32	585					98.5	116.0											very good texture
			601																	looks good
			398																	
	112	32	443																	looks good
			408																	
	112	35	515.3	66.6	2999	18.5	41.9													
			431																	
			540					141.9	116.0											good texture, some green in middle sample
	106		495																	looks good
	106	38	488.7	63.5	2844	17.6	41.0													

*
center rows only

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	Sto	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot
								Heading			Ripe					
								1st	10%	Full	1st	Full				
	12981	No. 30	89	1073		90										
						90	cut	7/31	8/5	8/15	8/22	9/1	9/10	42	0	
						85										
						85										
				1273		85	cut	8/1	8/7	8/13	8/22	9/4	9/12	44	0	S
						85										
						80	1 1/2									
				1473		90	cut	8/1	8/8	8/16	8/22	9/5	9/12	42	0	
						80	2									
						5/20	88	—	8/1	8/7	8/15	8/22	9/3	—	43	0 S
						80	2									
5390	5310		2091	1074		90	cut	8/8	8/12	8/21	8/26	9/8	9/15	46	0	
						85										
						85										
				1274		85	cut	8/11	8/14	8/22	8/29	9/9	9/13	46	0	S
						85										
						80	1									
				1474		90		8/11	8/16	8/22	8/29	9/10	9/14	47	0	
						80	2									
						5/20	88	—	8/10	8/14	8/22	8/28	9/9	—	46	0 S
						95										
1645		Carolina Gold	2013	1075		95	cut	8/12	8/17	8/29	8/30	9/10	9/13	44	0	
						95										
						85										
				1275		85	cut	8/12	8/17	8/23	8/29	9/10	9/13	45	0	S
						85										
						75	3 1/2									
				1475		90		8/11	8/18	8/24	8/29	9/11	9/14	45	0	
						80	1 1/2									
						5/20	90	—	8/12	8/17	8/24	8/29	9/10	—	44	0 S
						100										
1496	1592	Wanica	57	1076		100	cut	8/5	8/14	8/22	8/28	9/9	9/13	45	0	
						100										
						80										
				1276		85	cut	8/1	8/15	8/22	8/28	9/9	9/13	43	0	S
						85										
						70	4									
				1476		90		8/11	8/16	8/22	8/28	9/10	9/14	45	0	
						75	3 1/2									
						5/20	92	—	8/9	8/15	8/22	8/28	9/9	—	44	0 S

Am. Piller- Ings	Days to Maturity from		Yield Data				T.Wt per Bu. (lbs)	Milling Data												
	Emerg- ence	Head- ing	Gms Per Row	Per Acre				Head Rice	Total Rice											
				Bu.	Lbs.	Bbls														
			494																	
med	8		467				101.2	114.5		good texture										
			462																	
		27																		
	106	38	474.3	61.9	2760	17.0	40.4													
			550															no shattering		
med			442				99.9	114.5		good texture										
										Very similar to Carolina Gold & Waverly										
			540																	
	112	58	510.7	66.0	2972	18.3	44.3													
			463															many poorly filled heads		
			314															no shattering		
			335																	
			315																	
med			366				99.9	113.1		good texture										
			340																	
			372																	
			513																	
			365																	
	113	24	397.7	51.4	2315	14.8	43.1													
			484															Looks to be superior to Car. Gold		
										slightly earlier than Car. Gold								no shattering		
med			339				97.2	113.1		good texture										
			527																	
	112	35	450.0	58.2	2619	16.2	43.4													

X center rows only

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No Stand	No. Feet miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing No	leaf- Spot		
								Heading		Ripe							
								1st	10th	Full	1st	Full					
1344	9821	Fortuna Check	1	1077		95											
						95	cut	8/22	8/25	8/30	9/10	9/20	9/28	53	0		
						90											
						85											
						85	cut	8/22	8/25	8/31	9/10	9/23	9/28	51	0	S	
				1277		85											
						85											
						80											
						90		8/26	8/28	9/1	9/12	9/22	9/29	54	0		
						80	1 1/2										
					5/20	90	—	8/23	8/26	8/31	9/11	9/22	—	53	0	S	
7179	19899	—	C.N. 888	3005	1078		80	1									
							85	cut	8/3	8/12	8/20	8/22	9/7	9/10	49	0	
							80	2									
							80										
							80		8/7	8/16	8/22	8/25	9/7	9/12	47	0	S
				1278		85	cut										
						40	9										
						85	cut	8/8	8/17	8/22	8/24	9/9	9/12	46	0		
						45	8										
						85											
					5/20	85	—	8/6	8/15	8/21	8/24	9/8	—	47	0	S	
7187	19900	—	C.N. 896	3006	1079		75	2									
							85	cut	8/5	8/12	8/21	8/22	9/7	9/10	48	0	
							80	1									
							85	cut									
							80		8/11	8/16	8/21	8/29	9/8	9/12	48	0	S
				1279		85											
						60	6										
						90	cut	8/10	8/17	8/22	8/25	9/8	9/12	48	0		
						70	6										
						87	—	8/8	8/15	8/21	8/25	9/8	—	48	0	S	
5303		—		2081	1080		80	2									
							85	cut	8/11	8/19	8/20	8/22	9/7	9/10	47	0	
							75	3									
							85										
							80		8/11	8/15	8/21	8/26	9/8	9/12	45	0	S
				1280		85	cut										
						75	3 1/2										
						85	cut	8/11	8/14	8/22	8/25	9/9	9/12	47	0		
						80	1 1/2										
						85											
					5/20	85	—	8/9	8/12	8/21	8/24	9/8	—	46	0	S	

See 1007

RR

RR

RR

Am. Tiller- ing	Days to Maturity from		Yield Data			Milling Data	
	Emerg- ence	Head- ing	Bms per row	Per Acre	T. wt per bu. (lbs)	Head Rice	Total Rice
				Bu. Lbs.	Bbls		

124 680

129 480

88.4 113.1

good texture

124 693

125 ~~32~~ 611.7 79.9 3595 22.2 44.5

124 441

Many slighted heads due to lower damage
no shattering

124 338

91.8 111.6

Very good texture

124 487

111 ~~32~~ ²⁴ 422.0 54.2 456 15.2 42.2

111 442

no shattering

112 390

93.8 113.0

good texture

112 479

111 ~~32~~ ²⁴ 437 56.5 2543 15.7 41.8

111 511

no shattering

111 472

99.2 114.5

Very good texture

113 488

111 ~~32~~ ²⁷ 490.3 63.4 2854 17.6 45.9

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- spot	
							Heading			Ripe						
							1st	10%	Full	1st	Full					
5249		<u>RR</u>	2080	1081	75	3										
					80	1 1/2	8/8	8/12	8/22	8/25	9/7	9/10	54	0		
					80	cut										
					80	1										
					85	cut	8/14	8/17	8/21	8/30	9/7	9/12	50	0	S	
2013		<u>RR</u>	2019	1082	85											
					85											
					45	6										
					90	cut	8/17	8/19	8/23	8/31	9/8	9/12	49	0		
					55	4 1/2										
					5/20	85	8/13	8/16	8/22	8/29	9/7	—	51	0	S	
1241	Vintula	<u>RR</u>	2005	1083	80	cut										
					75	2	8/5	8/10	8/20	8/22	9/4	9/10	50	0		
					70	3										
					75	2 1/2										
					80	cut	8/11	8/15	8/20	8/26	9/6	9/12	51	0	S	
1344	9821 Fortuna Check	1007	1	1084	70	4										
					30	7										
					85	cut	8/13	8/16	8/21	8/29	9/9	9/12	48	0		
					40	9										
					5/20	82	8/10	8/14	8/20	8/26	9/6	—	49	0	S	
					85											
					85	cut	8/22	8/26	8/30	9/9	9/20	9/28	52	0		
					85											
					85											
					85	cut	8/29	8/30	9/11	9/11	9/22	9/28	51	0	S	
					85											
					85											
					55	6										
					90		8/25	8/29	9/11	9/12	9/24	9/29	51	0		
					80	1										
					5/20	87	8/24	8/28	8/31	9/11	9/22	—	51	0	S	

C.I. No	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	70 Stand	No. Feet Miss- ing	Dates			Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaves spot			
								Heading							Ripe		
								1st	10%	Full	1st	Full					
1643		Honduras	2012	1085		80											
						85	cut	8/11	8/17	8/22	8/25	9/9	9/10	46	0		
						75	3										
						85											
						85	cut	8/10	8/17	8/21	8/30	9/8	9/12	49	0	S	Tut
						60	6½										
				1485		90	cut	8/15	8/18	8/23	8/30	9/9	9/12	49	0		
						80	1										
						5/20	87	—	8/13	8/17	8/22	8/28	9/9	—	48	0	S
1643	1611	Honduras	59	1086		85											
						85	cut	8/5	8/15	8/23	8/23	9/8	9/10	42	0		
						85											
						80	1										
						85	cut	8/11	8/16	8/21	8/25	9/8	9/10	48	0	S	
						80	1										
				1486		85	cut	8/10	8/17	8/22	8/25	9/8	9/12	49	0		
						80											
						5/20	85	—	8/9	8/16	8/22	8/24	9/8	—	46	0	S
1664	1616	—————	60	1087		80	1½										
						80	1	8/5	8/13	8/20	8/22	9/8	9/10	45	0		
						85	cut										
						80	1										
						85	cut	8/12	8/15	8/21	8/26	9/8	9/10	49	0	S	Tut
						80	1										
				1487		80											
						85	cut	8/11	8/15	8/22	8/26	9/9	8/12	50	0		
						80	1										
						5/20	85	—	8/9	8/14	8/22	8/25	9/8	—	47	0	S
1643		Honduras	65	1088		85											
						85		8/5	8/13	8/20	8/23	9/8	9/10	42	0		
						85											
						85											
						85	cut	8/11	8/16	8/22	8/26	9/8	9/12	48	0	S	
						85											
				1488		90	cut	8/11	8/16	8/22	8/25	9/9	9/12	46	0		
						85											
						5/20	87	—	8/9	8/15	8/22	8/24	9/8	—	45	0	S

Am. Tiller- ing	Days to Maturity from		Yield Data			T.Wt. per Bu. (lbs)	Milling Data	
	Emerg- ence	Head- ing	Gms per Row	Per Acre Bu LBs	Bbs		Head Rice	Total Rice

112 29 392

many sterile heads
no chattering

112 28 367

96.1 111.6

good texture

112 28 439

23

112 27 392.7 50.8 2286 14.1 40.0

112 34 276

many sterile heads
no chattering

112 28 354

93.8 111.6

good texture

112 29 390

111 28 340.0 44.0 1979 12.2 40.5

112 34 261

many sterile heads
no chattering

112 27 413

91.8 113.1

good texture, little chicky

112 29 460

111 28 377.7 48.8 2198 13.6 41.8

112 34 261

many sterile heads
no chattering

112 28 382

97.7 113.1

good texture

112 29 411

111 28 351.3 45.4 2045 12.6 40.4

C.I. No.	T.S. No	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No Stand	No. Feet Missing	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot	
								Heading			Ripe					
								1st	10%	Full	1st	Full				
4508		<u>S.R.</u>	2062	1089		80	2									
					80	cut	8/12	8/17	8/24	8/26	9/13	9/20	47	0		
					75	2										
					80	1										
					80	1 1/2	8/18	8/22	8/26	9/4	9/15	9/20	50	0	S	
					80	cut										
					70	4										
					1489	90	cut	8/20	8/23	8/27	9/5	9/16	9/20	50	0	
					75	3 1/2										
						5/20	8.3	—	8/17	8/21	8/26	9/1	9/15	—	49	0
5335		<u>S.R.</u>	2086	1090		85										
					85	cut	8/8	8/15	8/25	8/25	9/8	9/10	42	0		
					85											
					85											
					85	cut	8/13	8/18	8/23	8/29	9/8	9/12	46	0	S	
					85											
					75	2										
					1490	90	cut	8/19	8/21	8/28	9/1	9/10	9/12	44	0	
					80	1										
						5/20	8.7	—	8/13	8/18	8/25	8/29	9/9	—	44	0
1344	9821	Fortuna Check	1	1091		85										
						85	cut	8/22	8/24	8/29	9/6	9/19	9/29	48	0	
						85										
						85										
						85	cut	8/25	8/29	9/2	9/10	9/24	9/28	51	0	S
						85										
						85										
						1491	90		8/28	8/30	9/5	9/12	9/23	9/29	54	0
						85										
							5/20	8.7	—	8/25	8/28	9/2	9/9	9/22	—	51
5310		<u>S.R.</u>	2084	1092		95										
					100	cut	8/8	8/12	8/18	8/22	9/9	9/10	46	up to 100		
					100											
					90											
					1292	90	cut	8/8	8/15	8/19	8/29	9/8	9/12	45	up to 100	S+
					90											
					85											
					1492	90	cut	8/12	8/16	8/20	8/26	9/11	9/12	45	up to 100	
					90											
						5/20	9.3	—	8/9	8/14	8/19	8/26	9/10	—	45	100

Am. Tiller- ing	Days to maturity from		Yield Data			T.Wt Per Bu (lbs)	Milling Data	
	Emerg- ence	Head- ing	Gms Per Row	Bu	Lbs.	Bbls.	Head Rice	Total Rice
			277					
low	116	32	325					
			348					
			394					
low	118	26	430				90.4	111.6
			382					
			249					
low	119	27	446					
			313					
	118	24	400.3	51.8	2330	14.4	48.5	
	114	31	303					
	114	28	385				95.1	114.5
	113	28	349					
	112	27	345.7	44.7	2012	12.4	40.3	
	122	28	404					
	127	30	516				91.1	113.1
	126	26	606					
	125	24	518.7	67.1	3019	18.6	43.6	
many	112	30	632					
many	112	32	598				90.4	108.7
many	117	30	753					
	113	32	654.3	84.6	3808	23.5	47.8	

± poor texture, ~~very~~ chicky

some poorly filled heads
no chattering

good texture

Good texture,

Approximate maturity date July 30.
Chatter badly

± Poor quality, ~~very~~ chicky

Chatter badly

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant # Emerg- ence	No. Feet Missing	Dates			Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- spot		
							Heading		Ripe						
					Stand		1st	10%	Full	1st	Full				
2711	<u>RR</u>		2030	1093	85										
					85	cut	8/11	8/15	8/21	8/29	9/14	9/20	49	0	
					80	2									
				1293	80	1 1/2									
					85		8/15	8/19	8/22	9/4	9/16	9/20	50	0	-S
					85										
				1493	75	2 1/2									
					90		8/15	8/21	8/25	9/1	9/18	9/20	49	0	
					80	1 1/2									
					5/20	87	—	8/14	8/18	8/23	9/1	9/16	—	49	0
4294	<u>S.R</u>		2056	1094	85										
					85	cut	8/18	8/22	8/25	9/1	9/15	9/20	48	0	
					80	2									
				1294	85										
					85	cut	8/22	8/24	8/29	9/6	9/15	9/20	49	0	-S
					85										
				1494	80										
					90		8/22	8/27	9/1	9/6	9/19	9/20	51	0	
					80										
					5/20	87	—	8/21	8/24	8/28	9/4	9/16	—	49	0
2971	<u>RR</u>		2039	1095	80	1									
					85	cut	8/15	8/21	8/28	9/1	9/16	9/20	45	0	cut
					85										
				1295	80										
					85	cut	8/20	8/22	8/30	9/5	9/17	9/20	48	0	-S
					80	1 1/2									
				1495	70	3 1/2									
					85		8/24	8/28	9/1	9/9	9/21	9/27	48	0	
					75	2 1/2									
					5/20	85	—	8/20	8/24	8/30	9/5	9/18	—	47	0
2717	<u>RR</u>		2031	1096	85										
					85	cut	8/20	8/23	8/28	9/4	9/17	9/20	44	0	
					95										
				1296	80										
					85	cut	8/21	8/24	8/30	9/5	9/17	9/20	47	0	S
					85										
				1496	85										
					90		8/24	8/27	9/1	9/9	9/20	9/20	48	0	
					85										
					5/20	87	—	8/22	8/25	8/30	9/6	9/18	—	46	0

Am. Tiller- ing	Days to Maturity from		Yield Data				T.Wt Per Bu. (lbs)	Milling Data	
	Emerg- ence	Head- ing	Gms Per Foot	Per Acre				Head Rice	Total Rice
			Bu.	Lbs.	Bbls.				

118 34 541

good texture

little shattering

119 32 503

96.5 113.1

121 34 517

29

119 32 520.3 67.3 3028 13.7 47.9

Very little shattering

118 26 305

rather chalky texture

118 26 408

84.3 113.1

122 28 479

23

119 26 397.3 51.4 2312 14.2 47.0

little shattering

119 32 365

Very good texture

120 28 338

88.4 111.6

124 28 498

25

121 24 400.3 51.8 2330 14.4 48.3

little shattering

120 28 354

good texture

120 27 368

92.3 118.1

123 28 396

24

121 24 366.0 47.3 2130 13.1 43.7

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	% Stand	No. Feet Missing	Dates			Date Har- vested	Plant Ht. (inches)	lodg- ing %	leaf- spot			
								Heading									
								1st	10%	Full	Ripe 1st Full						
2732		<u>P.R.</u>	2032	1097		85											
						85	cut	8/18	8/22	8/27	8/29	9/17	9/20	48	0		
						85											
						80											
						85	cut	8/22	8/24	9/1	9/4	9/18	9/20	50	0	-5 Tilt	
						85											
				1497		80											
						90		8/25	8/28	9/1	9/9	9/20	9/29	49	0		
						85											
						5/20	87	—	8/22	8/25	8/30	9/4	9/18	—	49	0	-5
1344	9821	Fortuna Check	1	1098		85											
						85	cut	8/21	8/23	8/28	9/6	9/20	9/28	50	0		
						85											
						85											
						85	cut	8/24	8/27	9/1	9/10	9/23	9/28	53	0	S	
						85											
				1498		85											
						90		8/27	8/30	9/2	9/12	9/23	9/29	51	0		
						85											
						5/20	87	—	8/24	8/27	8/31	9/9	9/22	—	51	0	S
4866		<u>P.R.</u>	2073	1099		85											
						85	cut	8/18	8/23	8/26	9/2	9/20	9/28	53	0		
						80											
						80	1										
						80	cut	8/21	8/23	8/28	9/4	9/20	9/28	55	0	St Tilt	
						80	1										
				1499		85											
						90		8/24	8/28	9/1	9/10	9/23	9/29	45	0		
						90											
						5/20	85	—	8/21	8/25	8/29	9/5	9/21	—	51	0	St
2632		<u>L.R.</u>	2027	1100		70	3										
						80	cut	8/18	8/23	8/29	9/6	9/18	9/20	52	0		
						75											
						80	1										
						80	cut	8/22	8/24	9/4	9/9	9/20	9/29	54	0	S	
						80	1										
				1500		80											
						90		8/27	8/29	9/5	9/12	9/22	9/29	49	0		
						85											
						5/20	83	—	8/22	8/25	9/2	9/9	9/20	—	52	0	S

AM. Ther- ing	Days to maturity from Emerg- ance	Yield Data				Milling Data	
		Gms Per Row	Per Acre			Twt Per Bu. (165)	Head Price Total Price
			Bu	Lbs.	Bbls.		

120	30	465					
121	27	439				66.1	113.1
123	28	581					
121	28 25	475	61.7	2765	17.1	45.6	
123	30	471					
126	30	585				89.1	113.1
126	27	541					
125	27 26	5323	68.8	3098	19.1	43.8	
128	33	410					
128	30	506				87.7	111.6
128	30	436					
124	27 27	4507	58.3	2623	16.2	43.2	
121	27	439					
123	27	342				70.4	111.6
125	26	380					
123	24 26	387	50.0	2252	13.9	44.5	

Very chalky texture

Very little chattering

good texture

± chalky texture

chatter badly

good texture

chatter badly

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	Y ₀ Stand	No. Feet Miss- ing	Dates			Ripe		Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Heap- Spot
								Heading								
								1st	10th	Full	1st	Full				
4060		<u>RR</u>	2054	1101		80	2									
						80	cut	8/18	8/22	8/29	9/8	9/10	9/28	54	0	
						80	2									
						75	2									
						85	cut	8/11	8/27	8/31	9/10	9/22	9/28	54	0	S
						80	1									
						80	1 1/2									
						85		8/27	8/31	9/4	9/11	9/22	9/29	50	0	
						75	1 1/2									
						5/20	83	—	8/19	8/27	9/1	9/10	9/21	—	53	0
2733-1		<u>RR</u>	2033	1102		75	2									
						80	cut	8/21	8/23	8/31	9/8	9/22	9/28	53	0	
						80	1 1/2									
						80	1									
						80	1 cut	8/25	8/27	9/5	9/10	9/23	9/28	52	0	-S
						80	1									Tnit
						75										
						90		8/27	8/31	9/5	9/14	9/24	9/29	52	0	
						75	2									
						5/20	83	—	8/24	8/27	9/3	9/11	9/23	—	52	0
3337		<u>RR</u>	2043	1103		70										
						80	cut	8/22	8/24	9/1	9/5	9/23	9/28	52	0	
						75										
						85	cut									
						80		8/25	9/1	9/6	9/22	9/28	49	0	-S	
						80										Tnit
						70	2 1/2									
						85		8/27	8/30	9/5	9/12	9/24	9/29	50	0	
						80										
						5/20	83	—	8/24	8/26	9/2	9/8	9/23	—	50	0
5374		<u>RR</u>	2090	1104		70	2									
						85	cut	8/22	8/28	9/1	9/4	9/23	9/28	53	0	
						85										
						75										
						85	cut	8/21	8/29	9/2	9/5	9/23	9/28	52	0	S
						80										
						70	3 1/2									
						85		8/27	8/31	9/5	9/11	9/23	9/29	50	0	
						80	1 1/2									
						5/20	85	—	8/23	8/29	9/3	9/7	9/23	—	52	0

Am. Tiller- ing	Days to maturity from Emer- gence	Head- ing	Yield Data				T.Wt Per Bu (lbs)	Milling Data	
			Gms. per Fov	Per Acre				Head Rice	Total Rice
				Ba	Lbs.	Bbls.			

123 33 489

good texture ^{very} few chaly ^{slatter} ^{hally}

125 42 579

84.3 111.6

125 26 464

25

124 33 510 66.0 29.68 18.3 44.8

little slatter

123 30 447

124 27 429

85.7 110.2

very good texture

127 28 482

27

126 30 452.7 58.6 26.35 16.3 45.0

Very little slatter

126 32 482

125 30 580

88.4 111.6

± Chaly texture

127 28 512

28

126 30 524.7 67.9 30.54 18.9 43.3

very little slatter

128 32 390

128 33 488

92.4 113.1

good texture, slightly shorter grain than T. Fortune

128 27 495

25

126 34 457.7 59.2 26.64 16.4 43.8

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emer- gence	70 Stand	No. Feet Miss- ing	Dates			Ripe		Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot
								Heading			Full					
								1st	100%	Full	1st	Full				
1344	9821	Fortuna Check	31	1105		85		8/22	8/25	8/29	9/9	9/23	9/28	51	0	
						85	cut									
						80	1									
				1305		85	cut	8/23	8/27	9/2	9/5	9/23	9/28	52	0	S
				1505		75	2	8/28	8/31	9/4	9/12	9/23	9/29	51	0	
						85	-									
						75	3									
					5/20	85	-	8/24	8/28	9/1	9/9	9/23	-	51	0	S
Texas	Fortuna Sel. No. 1	4	1106			85		8/23	8/27	9/2	9/10	9/23	9/28	51	0	
						80										
				1306		80		8/24	8/28	9/4	9/10	9/23	9/28	52	0	S
						85	cut									
				1506		75	2 1/2	8/28	8/30	9/5	9/12	9/23	9/29	51		
						85	-									
						75	3									
					5/20	85	-	8/25	8/28	9/4	9/11	9/23	-	51	0	S
Texas	Fortuna Sel. No. 4	7	1107			85		8/24	8/28	9/2	9/11	9/23	9/28	50	0	
						80	1									
				1307		80		8/25	8/27	9/4	9/12	9/23	9/28	52	0	S
						85	cut									
				1507		70	5	8/25	8/31	9/5	9/11	9/23	9/29	52		
						85	-									
						80	1									
					5/20	85	-	8/25	8/29	9/4	9/11	9/23	-	51	0	S
Texas	Fortuna Sel. No. 7	10	1108			80	1	8/26	8/29	9/3	9/12	9/24	9/28	51	0	
						85										
				1308		85		8/26	8/29	9/4	9/11	9/23	9/28	52	0	S
						85	cut									
				1508		75	2	8/27	8/30	9/5	9/12	9/24	9/29	52		
						85	-									
						75	4									
					5/20	85	-	8/26	8/29	9/4	9/12	9/24	-	51	0	S

Am. Hiller Eng	Days to Maturity from Emerg. Hedg. Ing		Yield Data Per Acre			Twt Per 8 ¹ / ₂ (2 ¹ / ₂)	Milling Data	
	Emerg.	Hedg. Ing	Gms Per Row	Bu	Lbs.	Bbls	Head Rice	Total Rice

128 29 608

126 28 535

91.8 113.1

± good texture, few chalky

127 29 567

127 ~~28~~ 29 570 79.7 3317 20.5 43.5

126 29 708

127 30 521

91.8 111.6

good texture, few a little chalky

127 28 527

127 ~~28~~ 29 513.3 75.4 3395 21.0 43.5

127 29 633

127 29 467

92.4 113.1

Good texture, few a little chalky

127 30 569

127 ~~29~~ 30 556.3 72.0 3238 20.0 43.3

126 29 638

126 27 506

91.8 113.1

good texture, few a little chalky

126 27 603

126 ~~28~~ 29 580 75.0 3371 20.8 43.8

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Ft. Miss- ing	Dates					Date Harvest- ed	Plant Height	Lodg- ing	Leaf- Spot leaves
							Heading			Ripe					
							1st	10%	Full	1st	Full				
Tulsa	RR	Fortuna Sel. No. 23	29	1113		80									
						85	cut	8/25	8/28	9/1	9/10	9/23	9/28	53	0
						85									
						85									
						85	cut	8/27	8/29	9/5	9/11	9/23	9/28	53	S
						85									
						80									
						85		8/26	8/30	9/5	9/10	9/23	9/29	53	
						80									
						5/20	85	—	8/26	8/29	9/4	9/10	9/23	—	0
Tulsa	RR	Fortuna Sel. No. 24	30	1114		80 1 1/2									
						85	cut	8/27	8/28	9/3	9/10	9/23	9/28	51	0
						85									
						80 1									
						85	cut	8/26	8/30	9/4	9/11	9/24	9/28	53	S
						80									
						85									
						85		8/27	8/31	9/5	9/12	9/24	9/29	53	
						80									
						5/20	85	—	8/26	8/30	9/4	9/11	9/24	—	52
Tulsa	RR	Fortuna Sel. No. 26	32	1115		85									
						85	cut	8/22	8/28	9/3	9/10	9/24	9/28	51	0
						80									
						85									
						85	cut	8/26	8/30	9/5	9/12	9/24	9/28	53	S
						80 1									
						85									
						85		8/28	8/30	9/5	9/12	9/23	9/29	53	
						80									
						5/20	85	—	8/25	8/29	9/4	9/11	9/24	—	52
Tulsa	RR	Fortuna Sel. No. 27	33	1116		80 1									
						85	cut	8/23	8/28	9/4	9/10	9/24	9/28	51	0
						85									
						85									
						85	cut	8/27	9/5	9/7	9/12	9/24	9/28	52	S
						85									
						85									
						85		8/28	8/31	9/5	9/12	9/24	9/29	53	
						80									
						5/20	85	—	8/26	9/1	9/5	9/11	9/24	—	52

Days to Maturity from Emerg ence	Head- ing	Yield Data			T. wt Per Bu. (lbs)	Milling Data	
		Gms Per Row	Per Hoe	Bls.		Head Rice	Total Rice

126 ~~26~~ 589126 ~~27~~ 495

93.1 113.1

good texture, few little chalky

126 ~~28~~ 556126 ~~28~~ 540 69.8 3148 19.4 438126 ~~30~~ 479127 ~~29~~ 526

88.4 111.6

good texture, few a little chalky

127 ~~28~~ 547127 ~~28~~ 517.3 66.9 3011 18.6 43.7127 ~~28~~ 549127 ~~29~~ 487

85.0 111.6

good texture, few a little chalky

126 ~~28~~ 598127 ~~28~~ 547.3 70.8 3185 19.7 43.5127 ~~28~~ 479127 ~~28~~ 508

90.4 111.6

good texture, few a little chalky

127 ~~27~~ 542127 ~~27~~ 507.7 65.7 2955 18.2 43.6

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Ft. Stand	No. Ft. Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	Ldg- ing %	leaf- Spot
								Heading		Ripe					
								1st	10%	Full	1st	Full			
		<i>Texas</i> Fortuna Sel. No. 29	35	1117	80 85 85	1		8/27	8/29	9/4	9/10	9/24	9/28	50	0
		<i>RR</i>		1317	80 85 80	1		8/27	9/2	9/6	9/12	9/24	9/29	52	5
				1517	80 85 85			8/28	8/31	9/5	9/14	9/23	9/29	52	
					5/20	85	—	8/27	8/31	9/5	9/13	9/24	—	52	0 S
1344		Fortuna	2102	1118	85 85 80	cut		8/27	8/30	9/5	9/12	9/25	9/28	52	0
		<i>RR</i>		1318	85 85 85	cut		8/27	9/3	9/6	9/13	9/25	9/29	49	5
				1518	85 85 80			8/28	9/1	9/6	9/17	9/24	9/29	52	
					5/20	85	—	8/26	9/1	9/6	9/14	9/25	—	51	0 S
1344		<i>Texas</i> Fortuna Check	1	1119	85 85 85	cut		8/25	8/28	9/3	9/11	9/23	9/28	50	0
		<i>see 1007</i>		1319	85 80 85	1 1/2		8/27	9/3	9/6	9/12	9/24	9/29	47	5
				1519	80 85 85			8/28	9/30	9/6	9/13	9/23	10/5	50	
					5/20	85	—	8/27	8/31	9/5	9/12	9/23	—	49	0 S
4966		—	2076	1120	85 85 80	cut		8/27	8/30	9/5	9/13	9/25	9/28	48	0
		<i>RR</i>		1320	80 85 80	1 1/2		8/27	8/30	9/6	9/12	9/24	9/29	48	5
				1520	80 85 80			8/29	8/31	9/6	9/14	9/25	9/29	48	0
					5/20	85	—	8/28	8/30	9/6	9/13	9/25	—	48	0 S

Am. Tiller- ing	Days to Maturity from		Yield Data			Pwt Per Bu. (lbs)	Milling Data	
	Emerg- ence	Head- ing	Gms Per Row	Per Actc			Head Rice	Total Rice
			Bu.	lbs	Bbls			

127 ~~29~~ 545127 ~~28~~ 468

90.4 111.3

good tex time

126 ~~26~~ 437~~24~~127 ~~28~~ 483.3 62.5 2819 17.4 43.5

little shattering

128 ~~29~~ 531128 ~~32~~ 382

88.4 111.6

good texture,

127 ~~27~~ 538~~24~~128 ~~30~~ 483.7 62.6 2815 17.4 43.4126 ~~29~~ 471127 ~~28~~ 429

92.4 113.1

good texture, few or little chicky

126 ~~26~~ 493126 ~~27~~ 464.3 60.0 2702 16.7 43.8

shatters very badly

128 ~~29~~ 442127 ~~28~~ 364

89.7 113.1

good texture,

128 ~~27~~ 469~~26~~128 ~~28~~ 425.5 55.0 2474 15.3 44.9

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Ft. Stand Miss- ing	Dates				Date Harv- ested	Plant HT. (inches)	Lodg- ing %	Leaf- Spot		
							Heading			Ripe						
							1st	10%	Full	1st	Full					
2938		<u>R.R.</u>	2037	1121	80											
					80		9/1	9/4	9/15	9/22	10/4	10/5	49	0		
					80											
					85											
					85	cut	9/1	9/5	9/16	9/22	10/4	10/5	48	0	S	
				1321	85											
					85											
					80											
					85		9/3	9/6	9/15	9/22	10/5	10/5	48	0		
					85											
				1521	80											
					85											
					85											
					80											
					85											
					7/20	83	—	9/2	9/5	9/15	9/22	10/4	—	48	0	S
					80											
					85	cut	8/27	8/31	9/5	9/13	9/25	9/28	51	0		
					80											
					80											
4603		<u>R.R.</u>	2067	1122	85											
					80											
					80											
					85		8/29	8/31	9/5	9/12	9/25	9/29	50	0	S	
					85										Tut	
				1322	85											
					85											
					80											
					85		8/28	9/1	9/8	9/13	9/28	9/29	51	0		
					85											
				1522	80											
					85											
					85											
					80											
					85											
					7/20	85	—	8/28	8/31	9/6	9/13	9/27	—	51	0	S
					85											
					85											
					85											
					85											
51	Tokalon	<u>R.R.</u>	2001	1123	85											
					85		8/29	9/1	9/12	9/12	9/30	10/5	51	0		
					85											
					85		8/23	9/4	9/11	9/16	10/1	10/5	52	0	S	
					85											
				1323	85											
					85											
					85											
					85		8/29	9/5	9/12	9/13	10/2	10/5	53	0		
					80											
				1523	85											
					85											
					80											
					85											
					80											
					7/20	85	—	8/27	9/3	9/12	9/14	10/1	—	52	0	S
					85											
					85											
					85											
					85											
3699		<u>S.R.</u>	2047	1124	80											
					85		8/29	9/1	9/8	9/23	10/3	10/5	51	0		
					80	2										
					85											
					85		8/30	9/2	9/7	9/22	10/2	10/5	53	0	S	
				1324	85											
					85											
					70											
					85		9/1	9/5	9/9	9/23	10/3	10/5	53	0		
					85											
				1524	85											
					85											
					85											
					80											
					85											
					7/20	85	—	8/30	9/3	9/8	9/23	10/3	—	52	0	S
					85											
					85											
					85											
					85											

Am. Tiller ing	Days to Maturity from		Yield Data			T. wt Per Bu. (165)	Milling Data	
	Emerg- ence	Head- ing	Gms. Per Pan	Per Ac	Per C		Head Rice	Total Rice

	137	33	441						little shattering
	137	33	462				87.7	111.6	good texture, fine a little chalky
	138	32	595						
	137	29	499.3	64.6	2906	17.9	44.9		
	128	31	581						shatter badly
	131	30	573				83.7	111.6	± good texture, fine chalky
	131	31	562						
	130	30	552	71.4	3213	19.8	47.3		little shattering
	133	30	519						
	134	31	480				92.4	114.5	Very good texture
	135	34	587						
	134	35	528	68.3	3073	19.0	45.7		shatter badly
	136	35	454						
	135	33	464				90.4	113.1	± good texture, fine chalky
	136	32	483						
	136	34	467	60.4	2718	16.8	43.6		

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Ft. Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	Hodg- ing %	Leaf Spot
							Heading		Ripe					
							1st	10%	Full	1st	Full			
3880		<u>S.R.</u>	2050	1125	85		8/28	8/31	9/7	9/15	10/1	10/5	53	0
				1325	85		8/27	8/30	9/7	9/15	10/1	10/5	52	slight S
				1525	90		8/31	9/4	9/9	9/16	10/2	10/5	54	slight
					80	1 1/2	8/29	9/1	9/8	9/15	10/1	—	53	↑ S
1344	9821	Fortuna Check	1	1126	85	cut	8/21	8/27	9/4	9/12	9/23	9/28	50	0
				1326	80	1 1/2	8/23	8/29	9/5	9/10	9/23	9/29	51	0 S
				1526	85	1 1/2	8/25	8/30	9/5	9/12	9/23	9/27	52	0
					80	1 1/2	8/23	8/29	9/5	9/11	9/23	—	52	0 S
4554		<u>P.R.</u>	2064	1127	80	4	9/1	9/4	9/10	9/23	10/1	10/5	50	0
				1327	85	1	9/4	9/6	9/11	9/23	10/2	10/5	50	0 S
				1527	85	8	9/4	9/7	9/15	9/24	10/5	10/5	50	0
					80	8	9/3	9/6	9/12	9/23	10/3	—	50	0 S
4875		<u>S.R.</u>	2074	1128	80	cut	8/29	9/5	9/13	9/21	10/4	10/5	49	0
				1328	80	1	8/28	9/6	9/14	9/22	10/5	10/5	49	0 nt
				1528	90		9/4	9/7	9/15	9/21	10/7	10/13	51	0
					85		8/31	9/6	9/14	9/21	10/5	—	49	0 nt

Am. Tiller- ing	Days to Maturity from Emerg- ence	Head- ing	Yield Data			Twt. per Bu. (lbs)	Milling Data					
			Gms. Per Row	Per Bu	Acres	Bbls	Head Rice	Total Rice				
	134	41	497									little shattering
	134	35	656				82.4	111.6				Very chalky Tomahawk rice
	135	32	585									
		30										
	134	33	579.3	74.9	33.72	20.8	43.7					little shattering
	126	33	921									
	126	31	542				88.4	111.6				good texture
	126	29	588									
		25										
	126	25	517	66.9	30.09	18.6	44.0					
	134	30	512									Very little shattering
	135	28	490				80.9	113.1				Very good texture
	138	31	660									
		27										
	136	30	547.3	70.8	31.85	19.7	47.5					little shattering
	137	36	367									
	138	38	347				91.1	111.6				± good texture, ± chalky
	140	38	403									
		29										
	138	35	372.3	48.22	16.7	13.4	44.3					

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Ft. Stand	Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Hedg- ing %	Heav- y Spot
								Heading			Ripe					
								1st	10%	Full	1st	Full				
4559		<u>Iola</u>	2065	1129		80										
						80		9/8	9/12	9/18	9/25	10/14	10/17	51	0	
						80										
						80	1									
						85		9/9	9/12	9/18	9/25	10/14	10/17	52	0	S
4504		<u>RR</u>	2061	1130		80	1 1/2									
						80	1 1/2									
						85		9/10	9/15	9/19	9/29	10/13	10/17	53	0	S
						85										
						80	1 1/2									
4450		<u>RR</u>	2060	1131		90		9/9	9/15	9/19	9/28	10/4	10/17	58	0	
						80	1 1/2									
						85										
						85										
						85										
End of Long-Grain Rices						80	1									
First of Slender-Grain Rices						85		8/31	9/4	9/11	9/20	9/3		52	0	S
5810		<u>RR</u>	2096	1132		80										
						85		8/4	8/11	8/18	8/22	8/29	9/1	44		
						80	1									
						85		8/7	8/10	8/18	8/22	8/29	9/1	41		S
						85										
5810		<u>RR</u>	2096	1132		85	1									
						90		8/4	8/8	8/17	8/20	8/27	8/29	44		
						85	1									
						85										
						85										
						87		8/5	8/10	8/18	8/21	8/28		42		S

Am. Filling	Days to maturity from		Yield Data			T.Wt		Milling Data				
	Emerg	Head- ing	Gms Per Row	Per Acre		Per Bu.	(Lbs)	Head Rice	Total Rice			
			451									
	147	36	418									little shattering
			491									
			444									
	147	35	475					86.4	113.1			Very good texture
			401									
			526									
	148	36	658									
		32	545									
	147	36	517	66.9	3009	18.6	43.0					
	147	34	367									little shattering
	148	38	404					90.4	111.6			more of a medium grain than a long grain rice, Very good texture
	147	35	584									
	147	34	451.7	58.4	2629	16.2	48.9					
	138	35	503									Very little shattering
	137	33	441					79.4	111.6			Very good texture.
	133	30	753									
		29										
	136	33	582.3	75.3	3389	20.9	48.6					
med.	101	25	476									Supporting crop, appears to be and some of the grain shatters a lot
med.	107	22	482					87.0	108.0			Rather brownish appearance to hulls grain Hard grain, good texture. slender grain
med.	199	23	556									some damage from insects
		18										
	100	23	504.7	65.3	2937	18.1	44.5					

* center rows only

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	70 Stand	No Feet miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf Spot
								Heading Ripe							
								1st	10%	Full	1st	Full			
1344	982	Fortuna Check 1		1133		80	1 1/2								
						85	cut	8/28	8/30	9/4	9/13	9/24	9/26	52	0
						85									
						85									
				1333		85	cut	8/26	8/29	9/4	9/12	9/24	9/26	52	0 S
						85									
				1533		90		8/22	8/29	9/1	9/9	9/23	9/29	52	0
						90									
					5/20	87	—	8/25	8/29	9/3	9/11	9/24	—	52	0 S
1726		Light purple leaf sheath	2015	1134		80	1								
						80	1 cut	8/22	8/24	8/29	9/5	9/20	9/28	51	0
						75	2								
						85	cut								
				1334		80	1 1/2	8/20	8/22	8/29	9/5	9/19	9/29	49	0 -S
						80	1								
				1534		85		8/18	8/22	8/31	9/5	9/18	9/29	53	0
						80	1								
					5/20	83	—	8/20	8/23	8/30	9/5	9/19	—	51	0 -S
6011			2099	1135		95									
						100	cut	8/15	8/20	8/28	9/5	9/17	9/20	44	± wks str.
						100									
						90									
				1335		90	cut	8/18	8/20	8/28	9/4	9/15	9/20	43	± wks str. S
						90									
				1535		95		8/15	8/18	8/29	9/2	9/17	9/20	49	± wks str.
						95									
					5/20	97	—	8/16	8/19	8/28	9/4	9/16	—	42	↑ S
5094			2078	1136		85									
						85	cut	8/22	8/24	9/1	9/9	9/25	9/28	44	0
						85									
						85									
				1336		85	cut	8/21	8/25	9/1	9/10	9/23	9/29	45	0 S
						85									
				1536		90		8/25	8/29	9/1	9/10	9/24	9/29	44	0
						90									
					5/20	87	—	8/23	8/25	9/1	9/10	9/23	—	44	0 S

See 1007

PR

PR

PR

Am. Tiller- ing	Days to Maturity From		Yield Data					Milling Data	
	Emerg- ence	Harv- ing	Gms per Ery	Per Acre			T.Wt per Bu. (lbs)	Head Rice	Total Rice
				Bu	Lbs	Bbls			

127 27 543

little shattering

127 29 494

79.4 111.6 ± good texture, fine chalky

not a slender grain

126 30 543

26

127 30 526.7 68.1 3065 18.9 440

shatters badly

125 29 459

122 30 491

59.6 113.1

Medium to poor texture, chalky pockets
in grains.

121 31 580

± slender grain

27

122 30 510 66.0 2968 18.3 428

120 33 564

shatters badly
lodged very badly in all
series

118 28 495

81.6 110.2

Rather poor texture, rather chalky, brown
appearance to hulled grain.

Slender grain

120 33 659

28

119 32 572.7 74.1 3333 20.6 43.5

little shattering

126 32 421

126 33 495

83.0 108.7

good texture, very little chalkiness

Slender grain

127 30 422

Promising from standpoint of grain,
yield rather inferior

29

126 31 446.5 51.7 2596 16.0 44.3

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	Sto Stand	No. Feet Missing	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf Spot		
								Heading		Ripe							
								1st	10%	Full	1st	Full					
1206	8076	Delitus	87	1137		85											
						90	cut	8/18	8/21	8/28	9/5	9/18	9/20	48	0		
						90											
						90											
						95	cut	8/17	8/20	8/26	9/5	9/18	9/20	49	0	-5	
						90											
						90											
						90											
						85	cut	8/18	8/21	8/28	9/5	9/18	9/20	47	0		
						80	1 1/2										
						9/20	90	—	8/18	8/21	8/27	9/5	9/18	—	48	0	-5
1206	Delitus	RR	88	1138		90											
						90	cut	8/17	8/21	8/28	9/5	9/18	9/20	49	0		
						90											
						90											
						95	cut	8/15	8/20	8/26	9/5	9/18	9/20	48	0	-5	
						95											
						85											
						85	cut	8/19	8/21	8/30	9/5	9/18	9/20	48	0		
						85											
						5/20	90	—	8/17	8/21	8/28	9/5	9/18	—	48	0	-5
1206	Delitus	RR	2004	1139		85											
						90	cut	8/19	8/22	8/29	9/6	9/19	9/20	47	0		
						80	1 1/2										
						90											
						90	cut	8/16	8/20	8/26	9/5	9/18	9/20	48	0	-5	
						90											
						80	1 1/2										
						85	cut	8/18	8/21	8/30	9/5	9/19	9/20	51	0		
						80											
						5/20	88	—	8/18	8/21	8/28	9/5	9/19	—	49	0	-5
1344	982	Fortuna Check	1	1140		85											
						85	cut	8/27	8/30	9/4	9/10	9/25	9/28	51	0		
						85											
						85											
						90	cut	8/27	8/28	9/1	9/9	9/24	9/29	51	0	5	
						80	1										
						80											
						80		8/25	8/30	9/5	9/11	9/24	9/29	54	0		
						80											
						5/20	85	—	8/25	8/29	9/3	9/11	9/24	—	52	0	5

Am. Tiller- ing	Days to maturity from		Yield Data			P.Wt Per Bu. (lbs)	Milling Data	
	Emer- gence	Head- ing	Gms Per Row	Per Acre	Bu	lbs	Head Rice	Total Rice

121 31 365

Very little shattering

121 32 413 87.0 110.2

Very good texture

Slender grain

121 34 342

121 28 373.9 48.3 2173 13.4 43.0

Very little shattering

121 30 330

121 34 405 88.4 110.2

Very good texture
broke badly in milling

Slender grain

121 30 319

121 28 351.3 45.4 2045 12.6 42.4

Very little shattering

122 31 363

121 33 353 87.0 108.7

good texture

Slender grain

122 33 409

122 29 375.4 48.5 2183 13.5 42.5

128 29 550

127 34 556 76.6 111.6

good texture, fine shattering

127 36 471

127 26 525.7 68.0 3060 18.9 43.7

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	Hodg- ing %	Leaf- Spot		
							Heading		Ripe							
							1st	10%	Full	1st	Full					
193	<u>RR</u>		2002	1141		85	1 1/2									
						85		8/26	8/29	9/6	9/9	9/20	9/29	50	0	
						75	2									
						85										
						90	cut	8/24	8/27	9/5	9/9	9/23	9/29	57	0	N
					80	1 1/2										
					85											
					1541	85		8/25	8/31	9/6	9/11	9/26	9/29	52	0	
						80	1									
					5/20	87	—	8/25	8/29	9/6	9/10	9/25	—	53	0	W
2738	<u>RR</u>	light purple leaf sheath	2034	1142		80	1									
						85		8/28	8/30	9/6	9/14	9/27	9/29	56	0	
						80	1 1/2									
						95										
						1342	95	cut	8/26	8/29	9/5	9/12	9/25	9/29	57	0
					90											
					1542	70	3									
						80		9/29	9/1	9/6	9/15	9/27	9/29	53	0	
						80										
					5/20	87	—	8/28	8/30	9/6	9/14	9/26	—	55	0	-S
4191	<u>RR</u>	light purple leaf sheath	2055	1143		80	2									
						95		8/29	9/2	9/7	9/15	10/2	10/5	59	looking fully	
						95										
						85										
						1343	90		8/29	9/2	9/6	9/15	10/2	10/5	58	looking -S
					90											
					1543	80	1									
						85		8/31	9/4	9/9	9/16	10/2	10/5	53	0	
					(are all now 86%)	70	4 1/2									
					5/20	90	—	8/30	9/3	9/7	9/15	10/2	—	57		-S
2702	<u>RR</u>	light purple leaf sheath	2029	1144		85										
						90		8/29	9/2	9/7	9/15	10/3	10/5	61	looking fully	
						90										
						85										
						1344	90		8/29	9/2	9/7	9/15	10/3	10/5	58	looking fully -S
					85											
					1544	70	2 1/2									
						80		8/24	9/4	9/7	9/16	10/3	10/5	55	looking	
					(are all now 83%)	70	3 1/2									
					5/20	87	—	8/26	9/3	9/8	9/15	10/3	—	58		-S

Am.	Days to Maturity From Emerg	Head ing	Yield Data			T.Wt. Per Bu.	Milling Data	
			Gms Per Row	Per Acre Bu	Lbs Bbls.		Head Rice	Total Rice

128 30 448

126 30 591

129 32 372

Poor texture, tomentum

not a slender grain

shatters badly

128 27 470.3 60.9 2737 16.9 43.3

130 30 529

128 30 710

130 29 511

71.5 110.2

Very good texture

not a slender grain

little shattering

129 27 583.3 75.4 3395 21.0 48.0

135 34 724

135 34 613

135 39 505

73.6
362 568.9 3310 20.4

71.2 110.2

Very good texture

not a slender grain

little shattering

135 39 613 79.3 3568 22.0 48.6

136 38 703

136 40 638

136 40 533

71.8
454 551.2 3203 19.8

68.5 110.2

Very good texture

not a slender grain

little shattering

136 38 624.7 80.8 3636 22.4 48.5

*center rows only

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- spot	
							Heading		Ripe							
							1st	10%	Full	1st	Full					
2962	<u>RR</u>		2038	1145		90										
						95	8/27	9/29	9/5	9/10	10/1	10/5	52	0		
						85										
					85											
				1345		90	8/28	8/30	9/5	9/13	10/3	10/5	51	0	S	
						85										
						80	2									
				1545		85	8/28	9/1	9/9	9/12	10/2	10/5	50	0		
						80	1									
						90	8/28	8/30	9/6	9/12	10/2	—	51	0	S	
	90															
2457	<u>S.R.</u>		2024	1146		90										
						95	9/1	9/5	9/12	9/19	10/5	10/5	50	0		
						95										
					75 2 1/2											
				1346		90	9/1	9/5	9/13	9/19	10/4	10/5	51	0	S	
						85 2 1/2										
						80										
				1546		80	8/29	9/5	9/13	9/16	10/4	10/5	48			
						80 1 1/2										
						88	8/31	9/5	9/13	9/18	10/4	—	50	0	S	
	88															
1344	9821 <u>Tutor</u> <u>See 1007</u>	Fortuna Check	1	1147		85										
						90 cut	8/24	8/28	9/3	9/9	9/23	9/28	48			
						90										
					85											
				1347		95 cut	8/22	8/29	9/4	9/10	9/28	9/29	49		S	
						80 1 1/2									Tail	
						85										
				1547		85	8/25	8/29	9/5	9/11	9/23	9/29	50			
						80										
						90	8/24	8/29	9/4	9/10	9/23	—	48	0	S	
	90															
3212	<u>RR</u>		2042	1148		80 1 1/2										
						85	9/7	9/10	9/15	9/24	10/10	10/13	51	Leaf		
						85										
					75 2											
				1348		85	9/5	9/9	9/14	9/24	10/9	10/13	51		S	
						75 3										
						65 5										
				1548		80	9/5	9/9	9/15	9/24	10/8	10/13	51	Shiny		
						70 3 1/2										
						83	9/6	9/9	9/15	9/24	10/9	—	52		S	
	83															

Am. Teller ing	Days to Maturity from		Yield Data			T.Wt. Per Bu. (lbs)	Milling Data	
	Emerg- ence	Head- ing	Gms Per Pan	Per Acre			Head Rice	Total Rice
				Bu	Lbs	Bbls		

134 35 579

136 36 610

135 35 464

135 33 557.7 72.1 3246 20.0 44.3

138 34 506

137 33 549

137 33 330

137 29 461.7 59.7 2687 16.6 41.6

126 30 498

126 32 621

126 29 466

126 25 528.3 68.3 3075 19.0 43.7

143 33 469

142 34 488

141 33 419

142 30 468.7 60.6 2728 16.8 41.3

little chattering

good texture
slender grain

Very little chattering

Very good texture, kernel slightly
hard which causes grain to break
badly in milling.

not a slender grain

no chattering

good texture, few chaffs

many sterile spikelets
no chattering

Poor texture, very chaffy

slender grain

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	% Stand	No. Feet Miss- ing	Dates						Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf Spot
								Heading			Ripe						
								1st	10%	Full	1st	Full					
4660		<u>RR</u>	2069	1149		90											
						100		9/17	9/20	10/1	10/10	10/22	10/24	59			
						95											
						80	1										
						85		9/15	9/21	9/29	10/6	10/21	10/24	55		NT	
						85											
			1549			85											
						80		9/12	9/20	9/29	10/6	10/21	10/24	54			
						80											
						80											
						5/20 88	—	9/15	9/20	9/30	10/7	10/21	—	56		NT	
						85											
1779	Rexoro	<u>RR</u>	2016	1150		85											
						90		9/17	9/21	10/1	10/6	10/22	10/24	54			
						85											
						80	1										
						85		9/17	9/20	9/30	10/6	10/20	10/24	53		NT	
						80	1 1/2										
			1550			75	3										
						85		9/15	9/20	9/30	10/5	10/20	10/24	50			
						85											
						5/20 87	—	9/16	9/20	9/30	10/6	10/21	—	52	0	NT	
						85											
						85		9/12	9/20	9/30	10/3	10/20	10/24	53			
1779	Rexoro	<u>RR</u>	77	1151		85											
						85		9/12	9/20	9/30	10/3	10/20	10/24	53			
						85											
						80	1										
						85		9/16	9/19	9/29	10/5	10/19	10/24	50		NT	
						75	2										
			1551			80	1 1/2										
						85		9/14	9/19	9/30	10/5	10/19	10/24	50			
						80											
						85											
						80											
						5/20 85	—	9/14	9/19	9/30	10/4	10/19	—	51	0	NT	

Good R.R.

Triplicate Nursery

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	No Stand	No Feet Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot	
								Heading								
								1st	10%	Full	1st	Full				
5364		Kinaryom <u>S.R.</u>	68	501	5/20	70	3 1/2	8/5	8/12	8/25	8/24	9/15	9/20	37	0	S
						80	1 1/2									
5312		<u>S.R.</u>	2085	502	5/20	85	1 1/2	8/1	8/11	8/19	8/22	9/6	9/10	98	str bad	ST
						90										
7702		Early Wright <u>S.R.</u>	2103	503	5/20	75	1 1/2	8/8	8/13	8/23	8/29	9/9	9/20	39	0	-S
						80										
5354		<u>S.R.</u> Seed from Rice Branch Exp Sta., Stuttgart, Ark. (1931 crop)	2088 Bmt. Row No.	504	5/20	80	1	8/5	8/15	8/21	8/30	9/9	9/20	49	0	S.
						85										
2697		<u>S.R.</u>	2028	505	5/20	75	2	8/18	8/22	8/30	9/6	9/18	9/20	49	0	S
						80	1 1/2									
						70	3									
3171		<u>S.R.</u>	2041	506	5/20	70	3	8/5	8/21	8/27	9/6	9/24	9/29	46	0	-S
						70	1									
						65	4 1/2									
1344	982	Fortuna Check See 1007	1	507	5/20	80	1 1/2	8/25	8/29	9/5	9/12	9/23	9/27	52	0	S
						80	1									
						80	2									
5361		<u>S.R.</u>	2089	508	5/20	80	1 1/2	8/11	8/18	8/27	8/29	9/11	9/20	45	0	ST+ Trit
						85	2									
						80										
6018		<u>S.R.</u>	2100	509	5/20	85	1	8/5	8/14	8/21	8/26	9/9	9/10	49	str bad	ST Trit
						85										
1643	2204	Honduras <u>S.R.</u>	64	510	5/20	80	2	8/7	8/13	8/23	8/24	9/9	9/20	44	0	ST
						80	1 1/2									
						80	1 cut									

Am. Tiller ing	Days to Maturity from		Yield Data				Milling Data	
	Emerg	Head- ing	Gms Per Row	Per Act c Bu 1 lbs.	Bbls	P.Wt. Per Bu. (lbs.)	Head Rice	Total Rice

	118	34	315	40.7	1833	11.3	42.0	94.5	116.0	Short-grain type, ^{no shattering} better quality than Jap rice.
med	109	26	440	56.9	2561	15.8	45.0	89.7	110.2	med-grain type, ^{little shattering} rather chalky.
	112	27	290	37.5	1688	10.4	40.0	96.5	110.2	Long-grain type, ^{no shattering} good texture
	112	25	345	44.6	2008	12.4	45.0	88.4	110.2	Long-grain type, ^{Very little shattering} good texture
	121	27	318	41.1	1851	11.4	49.5	87.0	111.6	med-grain type, ^{no shattering} good texture.
	127	34	295	38.2	1717	10.6	49.5	94.5	116.0	Med to short-grain type, ^{Very little shattering} ± chalky
	126	25	434	56.1	2526	15.6	43.6			^{little shattering}
	114	24	290	37.5	1688	10.4	42.5	97.8	113.1	Long-grain type, ^{no shattering} good texture
med	112	26	324	49.7	2235	13.8	41.0	71.2	108.0	Very slender-grain, ^{little shattering} very good texture
	112	27	362	46.8	2107	13.0	40.0	87.7	113.1	Long grain, ^{no shattering} good texture, some red.

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emerg- ence	70 Stand	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Hodg- ing %	Leaf- Spot
								Heading			Ripe					
								1st	10%	Full	1st	Full				
5304		R.R.	2082	511	5/20	80 85 80	1 1/2 cut 1 1/2	8/6	8/15	8/24	8/20	9/9 16	9/20	46	0	S
5205		S.R.	2079	512	5/20	80 85 85	2 cut	8/13	8/17	8/23	8/31	9/13	9/20	50	0	S Tint
3625		S.R. (glutinous)	2046	513	5/20	85 85 80	cut	8/11	8/20	8/25	8/28	9/24 29	9/29	53	0	S Tint
1344	9821	Fortuna Check See 1060	1	514	5/20	85 80 85	cut	8/25	8/30	9/4	9/10	9/24	9/29	50	0	S
3625	Shamed	See 1060 (Starchy) Seed from Rice Exp. Sta., Crowley, La., (1931 crop).		515	5/20	80 85 80	cut	8/9	8/20	8/27	9/1	9/18	9/20	47	0	-S
5412		Naguyon S.R.	70	516	5/20	80 80 80	cut	8/24	8/28	9/6	9/7	9/20	9/20	47	10	cut Tint
5459		Piniling Daniel S.R.	71	517	5/20	80 85 85	cut	8/18	8/24	9/1	9/6	9/18	9/20	44	0	-S
3798		S.R.	2049	518	5/20	75 80 75	3 cut 3	8/21	8/24	8/29	9/6	9/19	9/20	48	hair	-S Tint
4682		S.R. Seed obtained from Rice Branch Exp. Sta., Sta. Stuttgart, Ark. (1931 crop).	2070	519	5/20	80 85 80	1 cut 1 1/2	8/18	8/31	9/6	9/13	9/28	9/29	50	0	S
5389		Kabo-Ong S.R.	69	520	5/20	80 80 80	1 cut 1	8/25	9/1	9/13	9/9	10/8	10/5	49	0	-S

Am. Tiller ing	Days to Maturity from Emerg- ence		Yield Data				P.Wt.	Milling Data	
	Hood- ing	Hood- ing	Gms per Row	Per Acre			Per Bu	Hood Rice	Total Rice
				Bu	Lbs	Bbls.			

112 25 328 42.4 1909 11.8 39.5 88.4 111.6

Long-grain, good texture, No shattering

116 27 449 58.1 2613 16.1 48.0 85.7 113.1

Long-grain, good texture, Very little shattering

127 34 411 53.2 2392 14.8 42.0 81.2 111.6

glutinous variety, mixed type, probably natural hybrid, Very little shattering

127 25 499 64.5 2904 17.9 43.0

Very little shattering

121 29 454 58.7 2642 15.4 50.0 88.4 111.6

med to long-grain, little shattering, good texture.

123 23 376 48.6 2188 13.5 49.5 95.3 113.1

med-grain, good texture, Very little shattering, some chaffy, shorter than Blue Rice, not as thick a grain as Blue Rice

121 25 505 65.3 2939 18.1 49.5 103.2 117.6

med to short grain, no shattering, ± good texture.

122 26 461 59.6 2683 16.6 47.5 93.1 113.1

Long-grain ± good texture, no shattering, rather chaffy

131 28 438 56.6 2549 15.7 45.0 97.3 114.5

med-grain, good texture, no shattering, some panicle type.

136 32 455 58.8 2648 16.3 49.5 98.5 114.5

medium grain ± chaffy ± good texture, grain shorter than Blue Rice, no shattering

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Plant Emergence	% Stand	No. Feet Missing	Dates HeadingRipe	Date Harvested	Plant Ht. (inches)	Lodging %	Leaf Spot
								1st 10% Full	1st Full			
1344	9821	Fortuna Check	1	521	5/20	85		8/25 8/28 9/4	9/9 9/23	9/29	52	S
		See 1007				85		" "				
1497	1593	Bruinmissie S.R.	58	522	5/20	85		8/25 8/28 9/4	9/18 9/25	9/29	48	S
						85		" "				

Rate of Seeding Test.

CI No.	T.S. No.	Variety Name	Source of Seed	1932 Row No.	Rate of Seeding in lbs. Per A.	Plant Emergence	%	Dates				date Harvested	Plant Ht. inches	lodging %			
								Heading		Ripe							
								1st	10%	Full	1st	Full					
		Lady Wright	See 1932 Row No. 4	2001	60	5/20 cut	80 85 80	8/1	8/8	8/15	8/23	9/7		41			
				2101	60	5/20 cut	70 65 70	8/1	8/7	8/17	8/22	9/7		40			
				2201	60	5/20 cut	80 75 75	8/4	8/9	8/18	8/24	9/7		39			
						5/20	88	8/2	8/8	8/17	8/23	9/7	—	40			
13011				Colombo	See 1932 Row No. 9	2002	70	5/20 cut	80 85 90	8/1	8/8	8/16	8/23	9/7		41	
						2102	70	5/20 cut	75 80 95	8/1	8/7	8/18	8/23	9/7		38	
						2202	70	5/20 cut	70 75 80	8/2	8/10	8/18	8/23	9/7		39	
								5/20	83	8/8	8/17	8/23	9/7	—	39		
						2003	80	cut	80 85 80	8/5	8/9	8/16	8/24	9/8		42	
						2103	80	cut	75 80 85	8/1	8/7	8/18	8/23	9/7		39	
		2203	80			cut	85 85	8/2	8/10	8/18	8/23	9/7		38			
						5/20	83	8/8	8/17	8/23	9/7	—	40				
		2004	90			cut	95 90 90	8/2	8/8	8/16	8/24	9/8	L	43			
		2104	90			cut	80 85 85	8/1	8/8	8/18	8/24	9/7		38			
		2204	90	cut	80 85 85	8/1	8/8	8/18	8/23	9/7		38					
				5/20	87	8/8	8/17	8/24	9/7	—	40						

C.I. No.	T.S. No.	Variety Name	Source of Seed	1932 Row No.	Rate-of Seeding lbs. per A.	Plant Emerg- ence	90 Stand	Dates			Ripe		Date Harv- ested	Plant Ht. (inches)	Hdg- ing %			
								Heading		Full	1st	Full						
								1st	10%									
		Lady Wright	See 1932 Row No. 4	2005	100	cut	90											
							90	8/9	8/9	8/15	8/23	9/7	—	40				
							85											
						cut	80											
					2105			75	8/1	8/8	8/17	8/23	9/7		38			
								80										
								85										
					2205			cut	85	8/3	8/10	8/19	8/23	9/7		57		
								80										
								5/20	87	8/9	8/17	8/23	9/7	—	38			
				2006	110	cut	80											
							85	8/2	8/8	8/16	8/24	9/7		41				
							85											
						75												
					2006			cut	80	8/1	8/8	8/18	8/23	9/8		39		
								75										
								cut	90									
					2206				85	8/2	8/10	8/18	8/23	9/7		38		
							90											
						5/20	85	8/9	8/17	8/23	9/7	—	39					
1561-1	Caloro		See 1932 Row No. 9	2007	60	cut	80											
							85	8/10	8/13	8/17	8/30	9/10		38				
							80											
							85											
							2107			cut	90	8/11	8/13	8/17	8/30	9/10		36
										85								
										85								
							2207			cut	90	8/11	8/13	8/17	8/30	9/9		39
										90								
										5/20	88	8/13	8/17	8/30	9/10	—	38	
						2008	70	cut	85									
				85	8/10				8/13	8/17	8/30	9/10		39				
					80													
							2108			cut	80							
										85	8/9	8/13	8/17	8/30	9/10		36	
										85								
										cut	95							
							2208				90	8/10	8/13	8/17	8/30	9/9		35
										80								
						5/20	88	8/13	8/17	8/30	9/10	—	37					

C.I. No	T.S. No.	Variety Name	Source of Seed	1932 Row/ No	Rate-of Seeding lbs. per A.	Plant Emerg- ence	70 Stand	Dates					Date Harv- ested	Plant Ht. (inches)	Yield- ing %
								Heading		Ripe					
								1st	100%	Full	1st	Full			
1561-1		Caloro	see 1932 Row No. 9	2009	80	cut	80	8/11	8/13	8/17	8/30	9/10		36	
						80									
				2109		cut	90	8/9	8/13	8/17	8/30	9/10		35	
						90									
				2209		cut	95	8/9	8/13	8/17	8/30	9/9		37	
						90									
						5/20	88	8/10	8/13	8/17	8/30	9/10	—	36	
				2010	90	cut	85	8/11	8/13	8/17	8/30	9/10		37	
						85									
				2110		cut	85	8/10	8/13	8/17	8/30	9/10		36	
						90									
				2210		cut	90	8/10	8/13	8/17	8/30	9/9		36	
						90									
						5/20	88		8/13	8/17	8/30	9/10	—	36	
				2011	100	cut	80	8/9	8/13	8/17	8/30	9/10		39	
						85									
				2111		cut	95	8/9	8/13	8/17	8/30	9/10		37	
						95									
				2211		cut	90	8/10	8/13	8/17	8/30	9/9		35	
						85									
						5/20	90		8/13	8/17	8/30	9/10	—	37	
				2012	110	cut	90	8/11	8/13	8/17	8/30	9/10		38	
						85									
				2112		cut	90	8/8	8/12	8/17	8/30	9/10		35	
						85									
				2212		cut	85	8/11	8/13	8/17	8/30	9/9		35	
						85									
						5/20	88		8/13	8/17	8/30	9/10	—	36	

C.I. No.	T.S. No.	Variety Name	Source of Seed	1932 Row No.	Rate-of- seeding lbs. per A.	Plant Emerg- ence	No Stand	Dates			Ripe 1st (F)	Date Harv- ested	Plant Ht. (inches)	Yield- ing %					
								1st	10%	Full									
1344	9821	Fortuna	Sec 1932 Row No. 11	2013	60	cut	80												
							85	8/27	9/1	9/5	9/12	9/24	9/29	51					
							80												
							60												
							75	8/29	9/1	9/5	9/14	9/24	9/29	51					
							70												
							85												
							85	8/30	9/2	9/6	9/16	9/25	9/29	49					
							75												
							5/60	82	9/1	9/5	9/14	9/24	—	50					
							80												
							80	8/28	9/1	9/5	9/13	9/24	9/29	51					
							cut 85												
							cut 90												
							85	8/28	9/1	9/5	9/12	9/24	9/29	51					
							80												
							cut 85												
							80	8/30	9/2	9/6	9/16	9/25	9/29	50					
							80												
							5/60	87	9/1	9/5	9/14	9/24	—	51					
							85												
							cut 85	8/28	9/1	9/5	9/13	9/24	9/29	52					
							85												
							80												
cut 80	8/28	9/1	9/5	9/13	9/24	9/29	50												
80																			
80																			
85	8/29	9/2	9/6	9/16	9/25	9/29	51												
cut 95																			
5/60	87	9/1	9/5	9/14	9/24	—	51												
85																			
cut 85	8/28	9/1	9/6	9/12	9/24	9/29	51												
85																			
90																			
cut 90	8/28	9/1	9/5	9/12	9/24	9/29	51												
85																			
cut 85																			
80	8/31	9/2	9/7	9/16	9/25	9/29	50												
80																			
5/60	87	9/1	9/6	9/13	9/24	—	51												

loop- spot	Days to Maturity		Yield Data			T.wt. Per 84 lbs	Milling Data	
	Emerg- ence	Head- ing	Gms Per Row	Per Acre	Bu. (Lbs. Bbls.		Head Rice	Total Rice

127 28 479

127 26 434

128 26 393

127 23 435.3 56.3 2533 15.6 44.1

127 27 520

127 27 491

128 26 417

127 23 476 61.6 2770 17.1 44.1

127 27 546

127 27 401

128 27 348

127 23 431.7 55.8 2512 15.5 43.9

127 27 514

127 27 441

128 25 350

127 23 435 56.3 2532 15.6 44.0

C.I. No.	T.S. No.	Variety Name	Source of Seed	1932 Row No.	Rate-of- Seeding lbs. per A.	Plant or Emerg. Stand	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %			
							Heading									
							1st	10%	Full	1st	Full					
1344	9821	Fortuna	See 1932 Row No. 11	2017	100	90										
						cut 90	8/28	9/1	9/6	9/13	9/24	9/29	51			
						90										

leaf- Spot	Days to Maturity from		Yield Data				T.wt Per Bu.	Milling Data	
	Emerg- ence	Head- ing	Gms per Row	Per Acre				Head Rice	Total Rice
				Bu.	Lbs	Bbls			

127 27 519

127 26 476

128 25 349

127 23 448 57.9 2607 16.1 44.0

127 28 505

127 27 414

128 26 404

127 29 441 57.0 2567 15.8 43.9

131 30 444

132 29 547

131 29 387

131 28 392.7 50.3 2286 14.1 42.5

131 30 478

130 29 373

131 30 373

131 28 408 52.8 2375 14.7 42.4

C.I. No.	T.S. No.	Variety Name	Source of Seed	1932 Row No.	Rate-of- Seeding lbs. per A.	Plant Emerg- ence	% Stand	Dates				Date Harv- ested	Plant Ht. (inches)	Yield- ing %		
								Heading		Ripe						
								1st	10%	Full	1st	Full				
		Blue Rose Supreme	See 1932 Row No. 13	2021	80		90									
							90	8/28	8/30	9/4	9/19	9/28	9/30	48		
							90									
				2121		cut	85									
							80	8/29	8/31	9/4	9/19	9/27	9/30	45		
							85									
				2221			80									
							80	8/30	8/31	9/5	9/20	9/28	9/30	46		
							80									
							5/20	85		8/31	9/4	9/19	9/28	—	46	
				2022	90		85									
							85	8/29	8/30	9/4	9/19	9/28	9/30	45		
							85									
				2122			80									
							90	8/28	8/31	9/4	9/19	9/27	9/30	45		
							90									
				2222			90									
							90	8/29	8/31	9/5	9/20	9/28	9/30	48		
							90									
							5/20	88		8/31	9/4	9/19	9/28	—	47	
		2023	100		90											
					90	8/28	8/30	9/4	9/19	9/28	9/30	45				
					90											
		2123		cut	90											
					85	8/29	8/31	9/4	9/19	9/27	9/30	47				
					85											
		2223			90											
					90	8/29	8/31	9/5	9/20	9/28	9/30	50				
					90											
					5/20	90		8/31	9/4	9/19	9/28	—	47			
		2024	110		85											
					85	8/28	8/30	9/4	9/19	9/28	9/30	44				
					85											
		2124		cut	90											
					85	8/29	8/31	9/4	9/19	9/27	9/30	46				
					80											
		2224		cut	90											
					85	8/29	8/31	9/5	9/20	9/28	9/30	51				
					85											
					5/20	88		8/31	9/4	9/19	9/28	—	47			

heap Spot	Days to maturity from		Yield Data			T.wt. Per Bu. (lbs)	Milling Data	
	Emerg ence	Head- ing	Gms Per Row	Per Acre Bu. Lbs.	Bbls.		Head Rice	Total Rice

131 31 455

130 29 411

131 29 403

131 28 423 54.7 2462 15.2 425

131 30 391

130 30 387

131 30 481

131 28 419.7 54.3 2443 15.1 425

131 31 420

130 29 409

131 30 588

131 28 472.3 61.1 2749 17.0 43.0

131 31 342

130 29 364

131 31 621

131 28 442.3 57.2 2574 15.9 42.7

Date of Harvesting Test.

C.I. No.	T.S. No.	Variety Name	Source of Seed	1932 Row No.	Plant Emerg- ence	% Stand	No. Feet Missing	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot
								Heading		Ripe					
								1st	10%	Full	1st	Full			
		Edith	See 1932 Row No. 3	2501	85 90 90 90			8/1	8/7	8/17	8/22	9/3	8/24	41	
				2601	90 90 85			8/1	8/7	8/16	8/22	9/4	8/24	40	
				2701	85 85 85			7/31	8/4	8/16	8/18	9/4	8/24	40	
					5/30 88			8/6	8/16	8/21	9/4	—	40		
1561-1		Caloro	See 1932 Row No. 9	2502	85 90 90 85			8/11	8/13	8/17	8/29	9/9	8/28	43	
				2602	90 90 85			8/9	8/11	8/16	8/29	9/9	8/28	41	
				2702	80 80 80			8/9	8/12	8/15	8/29	9/9	8/28	41	
					5/30 87			8/12	8/16	8/29	9/9	—	42		
		Supreme Blue Rose	See 1932 Row No. 13	2503	85 90 90 85			8/28	8/31	9/5	9/20	9/28	9/21	51	
				2603	85 85 85			8/28	8/31	9/4	9/19	9/28	9/21	50	
				2703	80 80 80			8/27	8/29	9/5	9/18	9/27	9/21	50	
					5/30 85			8/30	9/5	9/19	9/28	—	50		
		Edith		2504	90 85 85 85			8/5	8/13	8/18	8/23	9/3	8/26	45	
				2604	85 85 90			8/2	8/8	8/16	8/22	9/5	8/26	46	
				2704	80 80 80			8/26	8/10	8/15	8/18	9/4	8/26	41	
					5/30 83			8/10	8/16	8/21	9/4	—	42		

[Note]

[Moisture % and Milling Data performed by Federal-State Rice Grading Laboratory, Bmt, Texas.]

Days to Maturity from Emergence		Yield Data				T. Wt. Per Bu. (lbs)		Milling Data		Rice Grading Laboratory, Bmt, Texas		
Emergence	Heading	Gms. Per Row	Per Acre			Per Bu. (lbs)	Head Rice	Total Rice	200 per 100 similar	70 whole grains	70 total hulled grains	
			Bu.	Lbs.	Bbls							
106	33	342				81.0	110.2	2.39	60.0	76		
107	34	283				77.8	108.7	2.11	56.0	75		
107	35	260				81.6	105.8	2.28	60.5	71		
107	29	295	38.2	1717	10.6	33.5	80.1	103.2	2.26 ✓	58.8 ✓	74.0 ✓	35% ripe when harvest
112	29	464				95.8	111.6	1.83	71.4	77		
112	31	440				99.9	114.5	1.97	74.0	79		
112	31	347				101.2	114.5	1.99	75.0	79		
112	28	417	53.9	2427	15.0	38.4	99.0	113.5	1.94 ✓	73.3 ✓	78.3 ✓	10-15% ripe when harvest
131	31	567				93.1	111.6	2.37	69.0	77		20% ripe when cut or more
131	31	521				96.5	113.1	2.44	71.5	78		
130	31	630				102.6	114.5	2.71	76.0	79		
131	29	572	74.1	3333	20.6	41.0	97.4	113.1	2.51 ✓	72.2 ✓	78 ✓	25% ripe when harvest
106	29	380				69.5	107.3	2.17	47.0	73		
108	34	244				75.2	108.0	2.18	53.0	74		
107	31	296				82.4	106.5	2.30	61.0	72		
107	25	306.7	38.7	1785	11.0	33.0	75.7	107.3	2.18 ✓	53.7 ✓	73 ✓	45% ripe when harvest

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emer- gence	No. Feet Miss- ing	Dates						Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot.
						Heading			Ripe						
						1st	20%	Full	1st	Full					
1561-1	Caloro		2505	80											
				85		8/9	8/13	8/16	8/29	9/9	8/30	44			
				90											
			2605	85		8/4	8/11	8/16	8/29	9/9	8/30	42			
				85											
				80											
			2705	85		8/10	8/12	8/16	8/30	9/10	8/30	43			
				85											
				5/30	85		8/12	8/16	8/29	9/9	—	43			
				Blue Rose Supreme		2506	85								
85		8/28					8/30	9/5	9/19	9/27	9/28	50			
90															
2606	85					8/28	8/31	9/5	9/19	9/27	9/28	49			
	90														
	85														
2706	85					8/27	8/29	9/5	9/18	9/27	9/28	50			
	85														
	5/30	85					8/30	9/5	9/19	9/27	—	50			
	Edith					2507	85								
			85		8/3		8/8	8/16	8/22	9/3	8/29	41			
			90												
			2607	90		8/4	8/8	8/16	8/22	9/5	8/29	40			
				90											
				85											
			2707	80		8/3	8/5	8/16	8/19	9/4	8/28	42			
				85											
				5/30	85		8/7	8/16	8/21	9/4	—	41			
			1561-1	Caloro	2508	90									
2508	90				8/9	8/12	8/17	8/30	9/10	9/1	42				
	90														
2608	85														
2608	90				8/9	8/12	8/16	8/29	9/9	9/1	41				
	90														
2708	85														
2708	85				8/9	8/11	8/15	8/29	9/1	9/1	44				
	85														
	5/30	88				8/11	8/16	8/29	9/10	—	42				

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	No. Stand	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- spot
							Heading			Ripe					
							1st	10%	Full	1st	Full				
		Blue Rose Supreme	2509	cut	85		8/28	8/30	9/4	9/19	9/27	9/27	50		
					85										
			2609	cut	85		8/29	8/31	9/5	9/19	9/28	9/27	48		
					85										
			2709	cut	85		8/28	8/30	9/4	9/18	9/27	9/27	50		
					80										
					5/20	85		8/30	9/4	9/19	9/27	—	49		
		Edith	2510		85		8/1	8/7	8/16	8/22	9/4	8/30	39		
					85										
			2610		85		8/1	8/8	8/17	8/22	9/5	8/30	40		
					80										
					85										
			2710		85		8/5	8/5	8/15	8/19	9/4	8/30	41		
					85										
					5/20	83		8/7	8/16	8/21	9/4	—	40		
1561-1		Caloro	2511	90 cut	85		8/9	8/11	8/16	8/29	9/9	9/3	29		
					85										
			2611	90 cut	85		8/9	8/11	8/17	8/29	9/9	9/3	42		
					80										
					85										
			2711	90 cut	90		8/9	8/12	8/16	8/29	9/9	9/3	43		
					90										
					5/20	90		8/11	8/16	8/29	9/9	—	41		
		Blue Rose Supreme	2512	cut	85		8/28	8/30	9/4	9/18	9/28	9/27	47		
					80										
					85										
			2612		85		8/28	8/30	9/5	9/18	9/28	9/27	47		
				cut	90										
					85										
			2712	cut	85		8/28	8/30	9/5	9/18	9/28	9/27	49		
					85										
					5/20	87		8/30	9/5	9/18	9/28	—	48		

Days to maturity from Emerg	Head- ing	Yield Data			T.Wt. Per Bu.	Milling Data		Moisture % at time of Harvest				
		Gms. Per Row	Per Acre	Bu		Head Price	Total Price					
130	30	429			103.2	114.5	2.62	76.5	79	25%	ripe	
131	30	526			105.3	114.5	2.67	78.0	79			
130	30	624			101.2	113.1	2.71	75.0	78			
130	28	549	71.1	3199	19.7	42.6	103.2	114.0	2.67	76.5	78.7	70-70 ripe when harvested
107	34	246			95.1	114.5	2.48	70.5	79			
108	35	240			84.3	108.7	2.43	62.5	75			
107	35	343			95.8	114.5	2.49	71.0	79			
		276.3	35.7	1608	9.9	37.5	91.7	112.6	2.47	68.0	72.7	65% ripe when harvested
112	31	361			102.3	118.3	2.27	79.5	82			
112	31	367			108.0	118.9	2.37	80.0	82			
112	31	559			107.3	117.6	3.41	74.5	81			
		429	55.5	2497	15.4	44.4	107.5	118.3	2.35	72.7	81.7	45% ripe when cut
131	31	498			103.2	114.5	2.70	76.5	79	85%	ripe when cut	
131	31	426			101.2	113.1	2.68	75.0	78	85%	ripe	
131	31	524			102.6	114.5	2.72	76.0	79	85%	ripe	
131	29	482	62.4	2809	17.3	42.6	102.3	113.7	2.70	75.8	78.7	75% ripe when harvested

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	90 Stand	No. Foot Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- Spot
							Heading			Ripe					
							1st	10%	Full	1st	Full				
		Edith	25/3		80	cut	7/31	8/5	8/17	8/19	9/4	9/11	39		
					80										
					85										
			26/3		85		8/2	8/8	8/17	8/19	9/6	9/11	39		
					90	cut									
					85										
			27/3		85		8/1	8/5	8/16	8/19	9/5	9/11	41		
					90	cut									
					87		8/6	8/17	8/19	9/5	—	40			
1561-1		Caloro	25/4		80	cut	8/8	8/11	8/16	8/29	9/9	9/15	40		
					80										
					90										
			26/4		90	cut	8/9	8/11	8/16	8/29	9/9	9/15	40		
					90										
					90										
			27/4		90	cut	8/1	8/12	8/16	8/29	9/9	9/15	42		
					90										
					88		8/11	8/16	8/29	9/9	—	41			
		54 Blue Rose Supreme	25/5		80	cut	8/27	8/30	9/4	9/18	9/28	9/29	49		
					85										
					80										
					85										
			26/5		85		8/28	8/30	9/5	9/18	9/28	9/29	47		
					85										
					85										
			27/5		85		9/27	9/29	9/4	9/18	9/28	9/29	49		
					85										
					85		8/30	9/4	9/18	9/28	—	48			
		Edith	25/6		85	cut	7/31	8/5	8/16	8/19	9/3	9/13	40		
					85										
					85	cut									
			26/6		85	cut	7/31	8/7	8/18	8/19	9/5	9/13	38		
					85										
					85										
			27/6		85	cut	7/31	8/5	8/16	8/18	9/4	9/13	41		
					85										
					85		8/6	8/17	8/19	9/4	—	40			

Days to Maturity from Emergence		Yield Data			T.Wt. Per Bu.	Milling Data		% Moisture at time of Harvest				
Head-ing		Gms. Per Row	Per Acre			Head Rice	Total Rice					
		Bu.	Lbs	Bbls								
107	35	205				95.1	113.1		2.42	70.5	78	some sterile heads
109	35	238				91.1	113.1		2.63	69.5	78	
108	35	390				95.8	113.1		2.59	71.0	78	
		277.7	35.9	1616	10.0	37.7	94.0	113.1	2.55 ✓	69.7 ✓	78 ✓	75% ripe when harvested
112	32	316				108.0	118.3		2.35	80.0	82	
112	31	356				107.3	117.6		—	79.5	81	
112	31	472				108.0	119.1		2.47	80.0	83	
		381.3	49.3	2219	13.7	44.4	107.8	118.3	2.41 ✓	79.8 ✓	82.0 ✓	50% ripe when cut
131	32	409				103.2	114.5	25.1	2.70	76.5	79	85% ripe when cut
131	31	395				103.9	116.0	25.1	2.69	77.0	80	90% ripe when cut
131	32	624				103.9	116.0	25.4	2.72	77.0	80	
131	29	476	61.6	2770	17.1	42.7	103.7	115.5	2.70 ✓	76.8 ✓	77.7 ✓	85% ripe when harvested
106	34	343				99.2	114.5		2.48	73.5	79	few sterile heads
108	36	217				97.2	114.5		2.43	72.0	79	few sterile heads
107	35	314				99.9	116.0		2.61	74.0	80	
		291.3	37.7	1695	10.5	40.0	98.8	115.0	2.51 ✓	73.2 ✓	79.3 ✓	85% ripe

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	%	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot			
							Heading			Ripe								
					Stand		1st	10%	Full	1st	Full							
1561-1	Caloro		2517		80													
					85	cut	8/8	8/11	8/16	8/29	9/9	9/9	43					
					85													
			2617		85													
					85	cut	8/8	8/11	8/16	8/29	9/9	9/9	41					
					85													
			2717		85													
					80		8/9	8/11	8/16	8/29	9/9	9/9	42					
					90	cut												
				5/20	87			8/11	8/16	8/29	9/9	—	42					
				Blue Rose Supreme		2518		80										
								85		8/28	8/30	9/5	9/18	9/28	10/1	50		
								85										
						2618		80										
								85		8/27	8/30	9/5	9/18	9/28	10/1	48		
								80										
						2718		85										
								85		8/27	8/29	9/4	9/18	9/28	10/1	50		
	85																	
	5/20	85						8/30	9/5	9/18	9/28	—	49					
	Edith					2519		90										
								90	cut	7/28	8/7	8/15	8/19	9/3	9/5	41		
								85										
						2619		80										
								80	cut	7/31	8/5	8/17	8/19	9/5	9/5	41		
								75										
						2719		85										
								85	cut	7/31	8/4	8/16	8/19	9/4	9/5	39		
				85														
				5/20	85			8/5	8/16	8/19	9/4	—	40					
			1561-1	Caloro		2520		85										
								80		8/10	8/12	8/16	8/30	9/10	9/9	43		
								80										
						2620		85										
								85		8/9	8/11	8/16	8/29	9/7	9/9	42		
								85										
						2720		80										
								85		8/9	8/11	8/16	8/29	9/9	9/9	41		
	90																	
	5/20	83						8/11	8/16	8/29	9/9	—	42					

Days to Maturity from		Yield Data			Milling Data		Moisture at time of Harvest					
Emerg- ence	Head- ing	Gms. Per Row	Per Acre	T.Wt. Per Bu.	Head Rice	Total Rice						
		Bu.	Lbs.	Bbls.								
112	32	447			108.7	118.9	2.48	82.5	82			
112	32	380			109.7	118.9	2.35	81.0	82			
112	29	485			107.3	117.6	2.49	79.5	81			
		437.3	56.6	2545	15.7	44.7	108.6	118.5	2.44 ✓	80.3 ✓	81.7	60 90 ripe when cut
131	31	612			103.2	114.5	2.55	76.5	79			Fully ripe when harvested
131	32	506			100.5	114.5	2.69	74.5	79			
131	32	595			102.6	114.5	2.59	76.0	79			
131	29	571	73.8	3323	20.5	43.1	102.1	114.5	2.61 ✓	75.7 ✓	78.0	95 80 ripe when harv.
106	37	420			101.2	114.5	2.61	75.0	79			
108	36	210			98.5	114.5	2.54	73.0	79			
107	35	377			99.9	113.1	2.62	74.0	78			
		335.7	43.4	1954	12.1	40.8	99.9	114.0	2.59 ✓	74.0 ✓	78.7 ✓	90 90 ripe when harvested
113	31	450			109.7	118.9	2.57	81.0	82			
112	31	380			107.3	117.6	2.40	79.5	81			
112	31	460			108.0	118.9	2.44	80.0	82			
		430	55.6	2503	15.5	44.7	108.0	118.5	2.48 ✓	80.2 ✓	81.7	50 90 ripe when cut

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	No. Stand	No. Feet Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot
							Heading		Ripe					
							1st	10%	Full	1st	Full			
		Blue Rose Supreme	2521		90									
					90	cut	8/27	8/30	9/5	9/19	9/28	10/3	49	
					90									
					80									
			2621		80		8/28	8/30	9/4	9/18	9/28	10/3	48	
					85	cut								
					85									
			2721		90	cut	8/27	8/30	9/4	9/18	9/28	10/3	50	
					85									
					5/20	88		8/30	9/4	9/18	9/28	—	49	
		Edith	2522		90									
					90	cut	8/2	8/8	8/16	8/21	9/3	9/7	41	
					90									
					90									
			2622		90	cut	8/1	8/8	8/16	8/19	9/5	9/11	41	
					90									
					85									
			2722		85	cut	8/1	8/5	8/16	8/19	9/4	9/7	40	
					85									
					5/20	88		8/7	8/16	8/20	9/4	—	41	
1561-1		Caloro	2523		90	cut								
					75	3:11	8/8	8/13	8/17	8/29	9/9	9/11	42	
					85	0								
					85									
			2623		90	cut	8/9	8/11	8/15	8/29	9/9	9/11	44	
					90									
					85									
			2723		85	cut	8/10	8/12	8/16	8/30	9/10	9/11	41	
					85									
					5/11	88		8/12	8/16	8/29	9/9	—	42	
		Blue Rose Supreme	2524		85									
					85		8/28	8/30	9/5	9/19	9/28	10/5	47	
					80									
					85									
			2624		85		8/27	8/30	9/5	9/18	9/28	"	53	
					85									
					85									
			2724		90		8/27	8/29	9/4	9/18	9/28	"	51	
					85									
					5/21	87		8/30	9/5	9/18	9/28	—	51	

Days to Maturity from Emerg- ence	Head- ing	Yield Data			T.Wt. per Bu.	Milling Data		% Moisture at time of Harvest					
		Gms. Per Row	Per Acre			Head Rice	Total Rice						
		Bu.	Lbs.	Bbls.									
131	32	522				101.9	113.1	24.2	263	75.5	78	a heavy rain about noon moisture - but samples were not taken until after rain.	
131	31	496				102.6	114.5	23.8	263	76.0	79	Dead ripe when harvested,	
131	32	640				101.2	114.5	23.4	261	75.0	79		
131	29	552.7	71.5	32.17	19.9	42.6	101.9	114.0	23.8	262.1	75.5	78.7	100% ripe when harvested
106	36	349				89.7	114.5		262	66.5	79		
108	35	325				91.1	113.1		264	67.5	78		
107	34	348				86.4	113.1		261	64.0	78		
		340.7	44.1	19.83	12.2	40.0	89.1	113.7	262	66.0	78.3	95% ripe when harvested	
112	32	506				105.9	116.0		250	78.5	80		
112	31	518				106.6	117.1		250	79.0	81		
113	31	518				109.3	117.5		252	81.0	81		
		514	66.5	29.91	19.5	45.3	107.3	116.9	251	79.5	80.7	80% ripe when cut	
131	31	593				83.7	111.6	22.7	259	62.0	77		
131	32	606				92.4	114.5	22.7	268	68.5	79		
131	32	651				85.0	111.6	23.4	261	63.0	77		
131	29	616.7	79.8	35.89	22.2	44.0	87.0	112.6	263	64.5	77.7	80% ripe when harvested	

Row 2627 et al are more or less irregular. Previous rows are uniform

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot
						Heading			Ripe					
						1st	10%	Full	1st	Full				
		Edith	2525	90										
				90		8/1	8/8	8/15	8/22	9/4	9/9	41		
				85										
			90											
			2625	90		8/1	8/8	8/16	8/19	9/5	9/9	41		
			85											
			85											
			2725	80		8/1	8/6	8/16	8/18	9/4	9/9	40		
			85											
				5/60	87		8/7	8/16	8/20	9/4	—	41		
1561-1	Caloro	2526	85											
			90		8/9	8/12	8/16	8/29	9/9	9/13	42			
			90											
		85												
		2626	85		8/8	8/10	8/16	8/29	9/9	9/13	42			
		85												
		85												
		2726	85		8/9	8/12	8/16	8/29	9/9	9/13	41			
		80												
				5/60	87		8/11	8/16	8/29	9/9	—	42		
	Blue Rose Supreme	2527	90											
			90		8/27	8/30	9/5	9/20	9/29	10/7	50			
			90											
		75 2m												
		2627	85 2m		8/27	8/29	9/5	9/19	9/28	"	53			
		80 3m												
		80												
		2727	80		8/28	8/30	9/4	9/18	9/28	"	50			
		80												
				5/60	85		8/30	9/5	9/19	9/28	—	51		
	Edith	2528	90			8/2								
			90	cut		8/7	8/16	8/23	9/4	9/11	41			
			90											
		85	cut											
		2628	80 3m		8/30	8/1	8/16	8/19	9/5	9/11	43			
		80 3m												
		85	cut											
		2728	80		8/30	8/7	8/16	8/19	9/5	9/11	40			
		85												
				5/60	87		8/5	8/16	8/21	9/5	—	41		

Days to Maturity from Emergence		Yield Data			T.Wt. Per Bu.		Milling Data		Moisture at time of Harvest						
Head- ing		Gms Per Row	Per Acre Bu. Lbs. Bbls.		Head Rice	Total Rice									
107	34	374			89.7	113.1	2.63	66.5	78						
108	35	453			93.1	113.1	2.62	69.1	78						
107	34	442			85.0	111.6	2.62	63.0	77						
		423	54.7	2462	15.2	40.5	99.3	112.6	2.62	66.2	77.7	100% ripe when harvested			
112	31	578			105.3	117.6	2.52	79.0	81						
112	32	477			105.9	116.0	2.46	78.5	80						
112	31	519			105.9	117.6	2.52	78.5	81						
		524.7	67.9	3054	18.9	44.9	105.1	117.1	2.50	78.3	80.7	90% ripe when cut			
132	33	619			98.5	113.1	20.9	2.60	79.0	78					
131	32	610			93.1	113.1	20.0	2.59	69.0	78					
131	31	605			94.5	113.1	21.2	2.64	70.0	78					
		131	29	611.3	79.1	3558	22.0	44.2	95.4	113.1	20.7	2.61	70.7	78.0	Over ripe when harvested
107	33	411			94.5	113.1		2.58	70.0	78					
108	37	307			89.7	111.6		2.52	66.5	77					
108	37	395			91.8	111.6		2.67	68.0	77					
		371	42.0	2159	13.3	40.3	92.0	112.1	2.59	68.2	77.3	90% ripe when harvested			

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	No. Feet Missing	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- spot
						Heading	Ripe						
1561-1	Caloro		2529	80									
				90		8/8	8/11	8/16	8/29	9/9	9/15	42	
				90									
			2629	80									
				85		8/8	8/10	8/16	8/29	9/9	9/15	45	
				90									
			2729	80									
				85		8/10	8/12	8/16	8/29	9/9	9/15	41	
				85									
				5/20	87	8/11	8/16	8/29	9/9	—	43		
	Blue Rose Supreme		2530	85									
				85		8/27	8/30	9/5	9/20	9/29	10/9	50	
				85									
			2630	80									
				85		8/26	8/28	9/5	9/18	9/28	10/9	50	
				85									
			2730	80									
				80		8/28	8/30	9/4	9/18	9/28	10/9	50	
				80									
				5/20	83	8/29	9/5	9/19	9/28	—	50		
	Edith		2531	90									
				85		8/2	8/7	8/16	8/21	9/4	9/13	39	
				85									
			2631	90									
				85		7/27	7/31	8/14	8/19	9/3	9/13	44	
				90									
			2731	80									
				85		8/2	8/8	8/16	8/20	9/4	9/13	40	
				80									
				5/20	85	8/5	8/15	8/20	9/4	—	41		
1561-1	Caloro		2532	85									
				85	cut	8/9	8/11	8/15	8/29	9/4	9/17	40	
				85									
			2632	85	cut								
				85		8/8	8/10	8/14	8/29	9/7	9/17	45	
				80									
			2732	85									
				85	cut	8/6	9/13	8/16	8/30	9/10	9/17	40	
				80									
				5/20	85	8/11	8/15	8/29	9/10	—	42		

Days to Maturity from Emerg- ence	Head- ing	Yield Data			T.Wt. Per Bu.	Milling Data		Moisture at time of Harvest						
		Gms. per Row	Per Acre			Head Rice	Total Rice							
			Bu.	Lbs.					Bbls.					
112	32	502			107.3	117.5	22.4	2.50	79.5	81				
112	32	452			106.6	118.9	23.8	2.48	79.0	82				
112	30	510			105.3	118.2	24.0	2.52	78.0	82				
		488	63.1	2840	17.5	45.1	106.4	118.2	23.4	2.50 ✓	78.8 ✓	81.7 ✓	95%	ripe when cut
132	33	587			97.2	113.1	21.8	2.64	72.0	78				
131	33	523			89.1	111.6	20.4	2.66	66.0	77				
131	31	546			98.5	113.1	22.6	2.72	73.0	78				
131	30	552	71.4	3213	19.8	45.0	94.9	112.6	21.6	2.67 ✓	70.3	72.3	Over	ripe when harvest
107	35	396			91.1	113.1		2.57	67.5	78				
106	38	312			90.4	111.6		2.55	62.0	77				
107	33	448			95.1	113.1		2.59	70.5	78				
		385.3	49.8	2241	13.8	40.5	92.2	112.6	2.57 ✓	68.3	72.2	Over	ripe when harvested	
112	31	505			105.3	118.2	23.2	2.48	78.0	82				
112	32	480			107.3	118.2	22.8	2.35	79.5	82				
113	31	480			104.6	116.0	24.4	2.49	77.5	80				
		488.3	63.2	2842	17.5	45.5	105.7	117.5	23.5	2.44	78.3 ✓	78.3 ✓	100%	ripe when cut

C.I. No.	T.S. No	Variety Name	1932 Row No.	Plant Emerg ence	% Stand	No Feet Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	Hdg- ing %	Leaf- Spot
							Heading							
							1st	10%	Full	1st	Full			
		Blue Rose Supreme	2533	85 85 85	cut	8/27	8/30	9/4	9/19	9/28	10/11	50		
			2633	75 85 85	cut	8/26	8/28	9/4	9/18	9/28	10/11	52		
			2733	85 85 85	cut	8/28	8/30	9/4	9/18	9/28	10/11	51		
				5/60 85		8/29	9/4	9/18	9/28	—	—	51		
		Edith	2534	85 85 85		8/1	8/7	8/15	8/19	9/4	9/15	41		
			2634	80 80 85		7/30	8/1	8/14	8/18	9/3	9/15	43		
			2734	85 85 85		8/1	8/8	8/16	8/19	9/4	9/15	40		
				5/60 83		8/5	8/15	8/19	9/4	—	—	41		
1561-1		Caloro	2535	85 90 90	cut	8/9	8/12	8/16	8/29	9/9	9/19	43		
			2635	80 85 85	cut	8/8	8/10	8/14	8/28	9/8	9/19	45		
			2735	85 85 85	cut	8/10	8/15	8/16	8/30	9/10	9/19	41		
				5/60 87		8/12	8/15	8/29	9/9	—	—	43		
		Blue Rose Supreme	2536	90 85 90	cut	8/27	8/30	9/4	9/18	9/28	10/13	49		
			2636	85 85 75		8/26	8/28	9/4	9/18	9/28	10/13	51		
			2736	80 80 80		8/29	8/31	9/5	9/18	9/28	10/13	50		
				5/60 85		8/30	9/4	9/18	9/28	—	—	50		

Days to Maturity from Emergence		Yield Data			T. wt. per Bu.	Milling Data		% Moisture at time of Harvest				
Emergence	Heading	Gms per Row	Per Acre Bu.	Lbs. Bbls.		Head Rice	Total Rice					
131	32	496				92.4	111.6	20.8	2.61	68.5	77	
131	33	547				95.1	113.1	19.3	2.65	70.5	78	
131	31	497				99.9	114.5	21.1	2.57	74.0	79	
131	30	506.7	65.5	2949	18.2	44.0	95.3	113.1	20.4	26.1	71.0	78.0 Over ripe when harvested
107	34	374				94.5	113.1		2.55	70.0	78	
106	35	330				92.4	113.1		2.43	68.5	78	
107	34	355				95.8	111.6		2.67	71.0	77	
		353.	45.6	2054	12.7	40.2	94.2	112.6	2.55	69.8	72.7	Over ripe when harvested
112	31	499				103.9	116.0	20.4	2.47	77.0	80	
111	31	454				103.2	116.0	20.9	2.41	76.5	80	
113	31	556				105.3	118.1	21.9	2.47	78.0	82	
		503	65.0	2927	18.1	44.9	104.1	116.7	2.46	72.2	80.7	Over ripe when cut
131	32	592				99.9	113.1	18.7	2.64	74.0	78	
131	33	544				98.5	113.1	16.2	2.77	73.0	78	
131	29	531				99.2	114.5	17.6	2.66	73.5	79	
131	29	555.7	71.9	3234	20.0	44.4	99.2	113.6	17.5	2.70	73.5	78.3 Over ripe when harvested

E.I. No.	T.S. No	Variety Name	1932 Row No.	Plant Emerg- ence	Stk	No Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot
							Heading			Ripe					
							1st	10%	Full	1st	Full				
		Edith	2537	85											
				85	cut		7/30	8/5	8/16	8/19	9/4	9/17	41		
				85											
				85											
			2637	85			7/30	8/5	8/15	8/19	9/4	9/17	43		
				80											
				80											
			2737	80			8/1	8/8	8/17	8/18	9/4	9/17	39		
				80	cut										
				80											
				5/20	83		8/6	8/16	8/19	9/4	—	41			
1561-1		Caloro	2538	85											
				90			8/9	8/12	8/17	8/29	9/9	9/21	42		
				90											
				80											
			2638	85			8/9	8/11	8/15	8/29	9/9	9/21	43		
				80											
				80											
				80											
			2738	85			8/10	8/13	8/16	8/29	9/9	9/21	40		
					80										
				5/20	87		8/12	8/16	8/29	9/9	—	42			
		Blue Rose Supreme	2539	80			8/26	8/30	9/5	9/19	9/28	10/5	50		
				80											
				80											
				85	cut										
			2639	80			8/27	8/29	9/4	9/18	9/28	10/15	51		
				85											
				80											
			2739	80			8/28	8/31	9/5	9/18	9/28	10/15	50		
				80											
					5/20	82		8/30	9/5	9/18	9/28	—	50		
		Edith	2540	80			8/1	8/8	8/17	8/19	9/4	9/19	41		
				80											
				85	cut										
				85											
			2640	90			7/31	8/5	8/15	8/15	9/4	9/19	42		
				90											
				85											
			2740	80			8/10	8/8	8/17	8/19	9/5	9/19	40		
				85	cut										
					85										
				5/20	87		8/7	8/16	8/19	9/4	—	41			

Days to Maturity		Gms. Per Row	Yield Data			T. Wt. Per Bu.	Milling Data		% Moisture at time of Harvest				
From Emergence	Heading		Per Acre				Head Rice	Total Rice					
			Bu	Lbs.	Bbls.								
107	36	354				89.7	111.6		2.63	66.5	77		
107	36	343				91.1	111.6		2.45	67.5	77		
107	34	305				93.1	111.6		2.66	69.0	77		
334			43.2	1944	12.0	40.3	91.3	111.6	2.58	67.7	77	Aver ripe when harvested	
112	31	480				105.3	117.6	19.1	2.46	78.0	81		
112	31	503				106.6	118.1	19.8	2.47	79.0	82		
112	30	536				104.6	116.0	20.3	2.54	77.5	80		
506.3			65.5	2944	18.2	44.5	105.5	117.2	2.49	78.2	81.0	Aver ripe when cut	
131	33	543				87.0	113.1	17.8	2.69	64.5	78		
131	32	634				87.0	111.6	16.6	2.62	64.5	77		
131	31	501				92.4	113.1	17.7	2.65	68.5	78		
131	29	551.3	72.3	3255	20.1	44.7	88.8	112.6	2.65	65.8	77.7	Aver ripe when harvested	
107	34	388				77.0	110.2		2.55	55.0	76		
107	35	373				76.1	76.1	111.6	2.60	54.0	77		
108	34	335				80.2	111.6		2.60	59.0	77		
368.7			47.7	2146	13.2	40.4	77.8	111.1	2.58	56.0	76.7	Aver ripe when harvested	

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	70 Stand	No. Feet Miss- ing	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot		
							Heading			Ripe							
							1st	10%	Full	1st	Full						
1561-1		Caloro	2541		80												
					85		8/5	8/12	8/16	8/29	9/9	9/23	41				
					85												
			2641		80												
					90		8/9	8/11	8/15	8/29	9/9	9/23	43				
					90												
			2741		80												
					80		8/11	8/13	8/17	8/29	9/9	9/23	40				
					80												
				5/20	85		8/12	8/16	8/29	9/9	—	41					
	Blue Rose Supreme	2542		85													
				85		8/27	8/30	9/4	9/19	9/28	10/1	49					
				85													
		2642		85		8/27	8/29	9/4	9/18	9/28	10/1	50					
				85													
				80													
		2742		80		8/29	8/31	9/5	9/18	9/28	10/1	49					
				80													
				80													
			5/20	83		8/30	9/4	9/18	9/28	—	49						
	Edith	2543		85													
				85		8/2	8/8	8/16	8/9	9/5	9/21	41					
				85													
		2643		90													
				90		7/31	8/5	8/15	8/18	9/4	9/21	42					
				85													
		2743		80													
				85		8/4	8/7	8/17	8/23	9/6	9/21	40					
				85													
			5/20	87		8/7	8/16	8/20	8/5	—	41						
1561-1	Caloro	2544		85													
				85	cut	8/9	8/12	8/16	8/29	9/9	9/25	43					
				80													
		2644		80													
				80	cut	8/9	8/11	8/15	8/29	9/9	9/25	43					
				80													
		2744		80													
				80	cut	8/10	8/13	8/17	8/30	9/10	9/25	42					
				85													
			5/20	82		8/12	8/16	8/29	9/9	—	43						

Days to Maturity from Emerg	Days to Maturity from Head- ing	Yield Data			T. wt. Per Bu. (Lbs)	Milling Data		% Moisture at time of Harvest					
		Gms Per Row	Per Acre	Bu.		Head Rice	Total Rice						
112	35	472				103.2	116.0	19.6	2.45	76.5	8.0		
112	31	475				101.9	116.0	19.1	2.56	75.5	8.0		
112	29	453				103.9	116.0	19.4	2.48	77.0	8.0		
		466.7	60.4	2716	16.8	44.3	103.0	116.0	19.4	2.50 ✓	76.3 ✓	8.0 ✓	Over ripe when cut
131	32	499				87.0	111.6	14.7	2.62	64.5	7.7		
131	32	646				88.4	113.1	13.9	2.62	65.5	7.8		
131	30	468				83.7	111.6	14.9	2.73	62.0	7.7		
		537.7	69.5	3129	19.3	44.8	86.4	112.1	14.5	2.66 ✓	64.0 ✓	7.3 ✓	Over ripe when harvested
108	34	377				101.2	113.1		2.49	75.0	7.8		
107	35	400				99.9	113.1		2.59	74.0	7.8		
109	33	296				100.5	113.1		2.58	74.5	7.8		
		357.7	46.3	2082	12.9	39.1	100.5	113.1	2.55 ✓	74.5 ✓	7.8 ✓	Over ripe when harvested	
112	31	476				106.0	117.6		2.47	78.5	8.1		
112	31	463				105.3	117.6		2.48	78.0	8.1		
113	31	475				108.0	118.3		2.43	80.0	8.2		
		471.3	61.0	2743	16.9	43.8	106.4	117.8	2.47 ✓	78.8 ✓	8.13 ✓	Over ripe when cut	

Open ripe
when cut

Open ripe
when harvested

Open ripe
when harvested

Open ripe
when cut

C.I. No.	T.S. No.	Variety Name	1932 Row No.	Plant Emerg- ence	No Stand	No. Foot Miss- ing	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot
							Heading		Ripe					
							1st	100%	Full	1st	Full			
		Blue Rose Supreme	2545		85									
					85	cut	8/28	8/30	9/4	9/19	9/28	10/19	50	
					85									
			2645		85									
					80		8/27	8/29	9/4	9/18	9/28	10/19	50	
					85	cut								
			2745		85	cut	8/27	8/30	9/5	9/18	9/28	10/19	50	
					80									
					3/60	85		8/30	9/4	9/18	9/28	—	50	
		Edith	2546		85									
					85		8/1	8/8	8/17	8/20	9/5	9/23	42	
					85									
			2646		80									
					85		8/30	8/2	8/16	8/18	9/4	9/23	41	
					85									
			2746		90		8/2	8/6	8/16	8/22	9/4	9/23	44	
					90									
					85									
					5/60	87		8/5	8/16	8/20	9/4	—	42	
1561-1		Caloro	2547		85									
					90	cut	8/9	8/11	8/17	8/29	9/1	9/21	43	
					90									
			2647		90									
					85	cut	8/9	8/11	8/16	8/28	9/8	9/27	42	
					90									
			2747		90									
					85	cut	8/10	8/12	8/16	8/30	9/10	9/27	45	
					90									
					5/60	87		8/11	8/16	8/29	9/9	—	43	
		Blue Rose Supreme	2548		85									
					85	cut	8/28	8/31	9/4	9/19	9/28	10/21	48	
					85									
			2648		90									
					85		8/27	8/29	9/5	9/18	9/28	10/21	52	
					90	cut								
			2748		85		8/27	8/31	9/5	9/19	9/28	10/21	52	
					90	cut								
					5/60	88		8/30	9/5	9/19	9/28	—	51	

Days to Maturity from Emergence		Yield Data				T.Wt. Per Bu.	Milling Data		Moisture at time of Harvest									
Head- ing		Gms. per Pan	Per Acre				Head Rice	Total Rice										
			Bu.	Lbs.	Bbls.													
131	31	566				97.2	114.5	15.6	2.65	72.0	79							
151	32	618				95.1	114.5	15.3	2.61	70.5	79							
131	32	629				95.1	113.1	15.3	2.73	70.5	78							
131	29	604.3	78.23	517	21.7	44.6	95.8	114.0	15.4	266 ✓	71.0 ✓	78.7	Overripe when harvested					
109	35	353				99.9	113.1		2.54	74.0	78							
107	36	360				98.5	113.1		2.58	73.0	78							
109	33	595				101.7	114.5		2.63	75.5	79							
		436.5	56.4	2538	15.7	37.9	100.1	113.6	2.58 ✓	74.2 ✓	78.3 ✓	Over ripe when harvested						
112	31	511				105.3	116.0		2.48	79.0	80							
111	31	521				105.3	116.0		2.46	78.0	80							
113	31	814				107.3	117.6		2.54	79.5	81							
		614.3	79.4	3575	22.1	42.3	106.0	116.5	2.49 ✓	78.5 ✓	80.3 ✓	Overripe when harvested						
131	31	567				89.7	110.2	13.0	2.69	66.5	76							
131	32	644				91.8	113.1	12.6	2.52	68.0	78							
131	30	727				89.1	114.5	12.5	2.60	66.0	79							
131	29	646	83.6	3760	23.2	44.8	90.2	112.6	2.60 ✓	66.8 ✓	72.7	Over ripe when harvested						

Date of Seeding Test.

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Date Plant ed	Date Emerg- ed	Dates				Date Harv- ested	Plant Ht. inches	Hdg- ing %	Leaf- Spot	
							Heading		Ripe						
							1st	10%	Full	1st	Full				
1600		Colusa Seed from Rice Field Station, Biggs, Calif.		3001	April 1	4/19	7/4	7/11	7/18	7/31	8/8	8/19	38	25	very slight
				3101	April 15	4/25	7/11	7/18	7/26	8/6	8/13	8/19	40	15	very light
				3201	May 3	5/14	7/23	7/29	8/7	8/13	8/24	9/1	39	0	light
				3301	May 23	6/3	8/11	8/16	8/24	8/29	9/15	did not harvest			
				3401	June 1	failed to come up									
				3501	not planted										
1561-1		Caloro	15	3002	April 1	4/21	7/25	8/5	8/10	8/23	9/4	9/7	45	0	
				3102	April 15	4/25	7/30	8/7	8/11	8/25	9/5	9/7	44	0	
				3202	May 3	5/14	8/1	8/9	8/14	8/28	9/7	9/15	43	0	
				3302	May 23	6/3	8/14	8/19	8/25	9/18	9/24	did not harvest			

Days to maturity from		Yield Data				Milling Data			
Emerg	Head- ence	ing	Gms. Per Row	Per Acre		Twt. Per Bu.	Head Rice	Total Rice	
				Bu.	Lbs.	Bbls.			

111 28 401 57.9 2334 14.4 43.5 103.9 116.0

Bully lodged after storm of Aug 13

110 26 513 66.3 2986 18.4 43.5 105.3 116.0

Leaving badly after storm of Aug 14

102 26 371 48.0 2159 13.3 44.5 105.9 117.6

104 30

Very poor stand

136 30 689 89.1 4010 24.8 45.0 105.3 118.9

133 29 749 96.9 4359 26.9 45.0 106.6 118.9

116 29 426 55.4 2491 15.4 45.0 105.3 118.3

113 36

Very poor stand

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Date Plant ed	Date emer- ged	Dates				Date Harv- ested	Plant Ht. (inches)	Leaves ing %	Leaf Spot.		
							Heading		Ripe							
							1st	10%	Full	1st	Full					
1561-1		Caloro	75	3402	June		failed to come up									
				3502			not planted									
		Storm Proof	78	3003	April 1	4/18	7/11	7/17	7/24	8/2	8/12	8/19	44	0	S	
				3103	April 15	4/23	7/18	7/22	7/28	8/5	8/13	8/19	43	0	AS	
				3203	May 3	5/13	8/4	8/7	8/13	8/18	8/30	9/1	42	0	S	
				3303	May 23	6/2	8/18	8/23	8/29	9/5	9/20				did not harvest	
				3403	June 1		failed to come up									
				3503			not planted									
		Lady Wright	2	3004	April 1	4/18	7/10	7/15	7/22	8/3	8/11	8/19	43	trv	light	
				3104	April 15	4/24	7/16	7/20	7/27	8/7	8/13	8/19	42	0	light	

Days to maturity from Emerg ence		Gms. Per Row	Yield Data			T.Wt. Per Bu.	Milling Data	
Head- ing			Per Acre				Head Rice	Total Rice
			Bu.	Lbs.	Bbls.			

116 26 402 52.2340 14.4 43.0 89.1 110.2

no lodging after Aug. 14

112 22 499 64.52904 17.9 43.5 89.1 113.1

109 23 381 49.32217 13.7 43.5 99.2 114.5

110 28 ~~1467~~

Very poor stand

115 27 338 49.7 1967 12.1 41.0 97.8 113.1

Leaning slightly after storm of Aug. 14

111 24 429 55.52497 15.4 41.5 97.2 114.5

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Date Plant ed	Date Emerg ed	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot
							1st	10%	Full	1st	Full				
		<u>Lady Wright</u>	2	3204	MAY 3	5/13	7/30	8/3	8/10	8/22	9/1	9/15	43	0	
				3304	MAY 23	6/2	8/14	8/18	8/27	9/6	9/23				did not harvest
				3404	June 1		failed to come up								
				3504			not planted								
		<u>Early Prolific</u>	3	3005	April 1	4/18	7/6	7/14	7/22	8/5	8/11	8/27	44	0	light
				3105	April 15	4/24	7/17	7/20	7/28	8/8	8/14	8/19	43	0	light
				3205	May 3	5/13	7/28	8/3	8/11	8/23	9/3	9/15	44	0	
				3305	May 23	6/2	8/5	8/19	8/27	9/6	9/23				did not harvest
				3405	June 1		failed to come up								
				3505			not planted								

Days to Maturity from Anthesis	Head ing	Yield Data			T.Wt. Per Bu.	Milling Data	
		Gms per Pan	Per Acre Bu. Lbs. Bbls.			Head Rick	Total Rice

112 30 335 43.3 1950 12.0 41.0 97.2 114.5

113 36

Very poor stand

115 28 390 50.4 2270 14.1 41.0 92.4 113.1

No lodging after storm of Aug 14

112 25 399 51.6 2322 14.3 41.0 91.8 113.1

113 31 438 56.6 2549 15.7 42.0 98.5 114.5

113 35

Very poor stand

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Date Plant- ed	Date Emerg- ed	Dates					Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- Spot
							Heading		R. B.						
							1st	10%	Full	1st	Full				
1344	9821	Fortuna	1	3006	April 1	4/18	7/19	8/1	8/9	8/16	8/26	9/1	51	0	m-s
				3106	April 15	4/24	7/22	8/8	8/15	8/22	8/30	9/1	50	0	s
				3206	May 3	5/13	8/9	8/22	8/28	9/10	9/23	9/29	47	0	
				3306	May 23	6/2	8/3	9/4	9/15	9/20	10/1				did not harvest
				3406	June 1										failed to come up
				3506											not planted
		Blue Rose Supreme	86	3007	April 1	4/19	7/15	8/18	8/25	9/1	9/21	9/29	51	0	
				3107	April 15	4/24	8/18	8/21	8/26	9/1	9/22	9/29	49	0	
				3207	May 3	5/13	8/24	8/27	9/3		9/23	9/29	—	0	
				3307	May 23	6/2	9/1	9/4	9/20	9/23	10/1				did not harvest

Days to Maturity from Emerg. Head ing		Yield Data			T. wt per Bu.	Milling Data	
Emerg.	Head ing	Gms. per Row	Per Acre Bu.	Lbs.		Head Price	Total Price

130 25 566 73.2 3294 20.3 44.0 86.4 113.1

Very uneven in heading.

128 22 552 71.4 3213 19.8 43.5 91.1 113.1

133 32 529 68.4 3079 19.0 44.5 85.0 113.1

121 27

Very poor stand

155 34 526 68.0 3061 18.9 42.5 99.9 113.1

152 32 450 58.2 2619 16.2 41.0 94.5 110.2

133 27 528 68.3 3073 19.0 42.5 103.9 114.5

121 27

Very poor stand

C.I. No.	T.S. No.	Variety Name	1931 Row No.	1932 Row No.	Date Plant ed	Date Harvest ed	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- Spot
							Heading		Ripe					
							1st	10%	Full	1st	Full			

Blue Rose Supreme 86 3407 June 1 failed to come up

3507 not planted

1779

Rexoro

77 3008 April 1 4/19 8/21 9/1 9/10 9/12 10/4 10/3

3108 April 15 4/24 8/29 9/5 9/12 9/15 10/3 10/3

3208 May 3 5/13 9/10 9/15 9/23 9/29 10/13 10/17

3308 May 23 4/2 9/19 9/22 10/3 10/5 10/27 " did not harvest

3408 June 1 failed to come up, excess

3508 not planted

Days to Maturity from Emergence		Yield Data			T.Wt. Per Bu.	Milling Data	
Head- ing	Row	Gns. Per Row	Per Acre Bu.	Lbs. Bbls		Head Rice	Total Rice

165 30 666 86.1 3876 23.9 47.5 84.3 111.6

163 28 906 91.3 4109 25.4 46.5 88.4 111.6

153 28 631 81.6 3672 22.7 46.5 93.0 113.1

147 35

Very poor stand

water

F3 Selections from the Cross Edith x Fortuna for growing F4 Population.

Cross No	Cross	1932 Row No.	Emergence	DATE 1st Panicle Emerged	Last Plant Headed	1st ripe	Date Last Plant ripened	General appearance	Uniformity of ripening	Ht.	Days from 1st to Full Head	Notes
283A1-1	Edith x Fortuna	4001		8/5	8/24	8/26	9/10			8	19	
-2		4002		8/13	9/23	8/25	9/9			7	10	
-3		4003		8/16	9/5	9/3	9/25			9	20	
-4		4004		8/11	8/26	8/29	9/11			11	15	
283A2-1		4005		8/2	8/31	9/7	9/13			3	10	breeding true
-2		4006		8/17	8/26	9/4	9/11			3	9	breeding true
-3		4007		8/15	8/21	9/2	9/9			3	6	breeding true
-4		4008		8/16	8/26	9/3	9/14			5	10	breeding true
-5		4009		8/10	8/24	9/3	9/9			7	14	
	Edith Parent 2001	4010		8/16	8/23	9/3	9/10				7	
283A2-6	Edith x Fortuna	4011		8/15	8/22	9/2	9/9			3	7	h.T.
-7		4012		8/13	8/22	9/2	9/9			6	9	breeding T
-8		4013		8/8	8/21	8/26	9/8			9	13	
-9		4014		8/13	8/22	8/30	9/9			8	9	
-10		4015		8/16	8/26	9/3	9/12			3	10	
283A3-1		4016		8/7	8/18	8/25	9/8			10	11	disc
-2		4017		8/13	8/30	8/29	9/15			7	17	
-3		4018		8/16	8/29	9/5	9/14			6	13	
-4		4019		8/22	8/29	9/6	9/14			6	7	
	Fortuna Parent	4020		9/2	9/9	9/19	9/26				5	
283A3-5	Edith x Fortuna	4021		8/17	9/1	9/2	9/13			8	15	
-6		4022		8/13	8/20	8/29	9/7			5	7	
-7		4023		8/11	8/26	8/28	9/12			8	15	
283A4-1		4024		8/3	9/12	8/18	10/1			3	9	disc
-2		4025		8/7	8/17	8/26	9/7			6	10	
-3		4026		7/27	9/16	8/19	10/5			7		
-4		4027		8/1	9/12	8/18	10/1			4	11	
-5		4028		7/28	9/4	8/18	9/25			5	7	
-6		4029		7/30	9/9	8/18	10/1			7	10	
	Edith Parent	4030		8/18	8/24	8/30	9/9				12	
283A5-1	Edith x Fortuna	4031		8/15	9/2	9/1	9/22			8	18	
-2		4032		8/14	9/2	9/1	9/24			9	19	
-3		4033		8/13	9/4	9/2	9/25			13	22	
-4		4034		8/16	9/2	9/2	9/24			10	17	
-5		4035		8/11	9/5	8/29	9/26 good			7	25	
-6		4036		8/5	9/4	8/22	9/20			11	30	
-7		4037		8/11	8/27	8/29	9/16			9	15	
-8		4038		8/11	9/5	8/29	9/16			12	21	
-9		4039		8/15	9/2	8/30	9/21			11	18	
	Fortuna Parent	4040		8/31	9/6	9/19	9/26				6	

~~* Seedlings were inoculated~~

m-r = mixed type
(some mod. susceptible, others resistant)
r = resistant.

s = susceptible
m-s = mixed type (some suscept. others only mod. so)
m = moderately susceptible 73

* *Helm. oryzae* ~~seed~~ Notes on Seedlings from Tullis' greenhouse inoculations

Helm. Leaf Spot

Seedlings (Plants in Nursery)

S	S	
m-s	S	
r	S	-
r	S	-
m-s	Nt	
m-s	Nt	
m-s	S	
m-r	S	-
m	-S	
m-s	Nt	-
	S	
	S	
	Nt	
	Nt	
S	Nt	-
r	Nt	
r	Nt	
r	Nt	
	S	
m-s	S	
	S	
	S	
r	Nt	
m-s	S	
	S	
	Nt	
	Nt	
	Nt	
m	-S	
S	S	
S	S	
r	-S	-
r	Nt	
m-r	S	-
S	S	
r	-S	-
m-s	-S	
m-s	S	
	S	

Bulked

Bulked

Bulked

Bulked

make a good marginal from this cross

Cross No.	Cross	1931 Row No.	1932 Row No.	DATE Emerg. Once	DATE 1st Panicle Emerged	DATE Last Plant Headed	DATE 1st ripe	DATE Fully ripe	General Appearance
283A5-10	Edith x Fortuna		4041		8/14	9/2	8/30	9/24	10 19
-11	✓		4042	✓	8/22	8/30	9/9	9/23	5 8
-12			4043		8/22	8/29	9/9	9/22	5 7
-13			4044		8/22	8/29	9/11	9/22	6 7
283A6-1			4045		7/26	8/29	8/11	9/22	9 34
-2			4046		7/25	8/31	8/13	9/23	9 37
-3			4047		7/27	8/26	8/13	9/15	8 30
-4			4048		8/2	8/22	8/19	9/15	9 20
-5			4049		7/28	8/26	8/12	9/23	5 34
	Edith Parent	2001	4050		8/19	8/22	9/3	9/8	5
283A6-6	Edith x Fortuna		4051		8/17	8/22	9/3	9/14	2 5
-7			4052		8/13	9/4	8/18	9/26	10 32
-8			4053		7/29	9/3	8/18	9/21	5 36
-9			4054		7/29	8/31	8/18	9/23	5 33
283A7-1			4055		8/31	9/10	9/20	9/29	10
-2			4056		8/31	9/15	9/20	10/5	15
-3			4057		8/31	9/15	9/19	10/7	15
283A8-1			4058		8/1	8/18	8/21	9/5	2 17
-2			4059		7/27	8/9	8/18	9/1	13
	Fortuna Parent		4060		8/28	9/5	9/18	9/26	8
283A8-3	Edith x Fortuna		4061		7/26	9/5	8/16	10/2	3 41
283A9-1			4062		8/8	8/26	8/29	9/15	6 18
-2			4063		8/14	8/26	8/30	9/12	7 12
-3			4064		8/6	9/1	8/22	9/22	6 26
-4			4065		8/10	9/5	8/28	10/1	6 26
-5			4066		8/12	10/2	8/29		3
-6			4067		8/28	9/7	9/13	9/30	4 10
-7			4068		8/19	9/6	8/29	9/22	10 27
283A10-1			4069		8/7	9/4	8/22	9/22	10 29
	Edith Parent		4070		8/15	8/19	8/30	9/6	4
283A10-2	Edith x Fortuna		4071		8/5	9/5	8/22	10/1	5 31
-3			4072		8/13	9/21	8/29	10/7	6
-4			4073		8/29	9/15	9/18	10/6	3 17
-5			4074		8/1	9/20	8/19		mo
-6			4075		8/31	9/17	9/18	10/5	3
-7			4076		8/31	9/10	9/20	10/3	1 10

not Harv.

no seed made

mixed type

Helm. Leaf Spot

On Seedlings G.H.	Mot. Plants. Nursery
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—	S	<i>Bulked</i>
—	nt	
—	nt	
—	S	<i>Bulked</i>
S	S	<i>Bulked</i>

m-s	n	—
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m-s	-S
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S	S
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m-s	S
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m	-S
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m-s	S	<i>Bulked</i>
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—	S
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—	-S
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—	-S
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—	nt
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—	nt
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—	nt
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m-r	nt
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m-s	S
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—	S
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S	nt	—
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r	S	—
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m-s	S
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S	-S
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S	-S
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m-s	-S
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—	S
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S	S
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m	-S
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—	S
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F2 selections for growing F3 populations.

Cross No.	Cross	1931 Row No.	1932 Row No.	Date Emerg- ed	Panicle emergence		Dates ripened		General Appear- ance		
					1st Panicle	Last Plant	1st panicle	Last Plant			
291A1	Edith x Caloro		4077	8/3	8/26	8/21	9/10	good		3	23
2			4078	7/29	8/7	8/18	8/26	good		1	9
3			4079	8/3	8/21	9/2	9/7	good		6	18
	Caloro Parent		4080	8/9	8/15	9/1	9/6				6
291A4	Edith x Caloro		4081	8/4	8/27	8/18	9/13			3	23
5			4082	7/31	8/26	8/18	9/12			4	26
6			4083	7/29	8/26	8/18	9/14			2	28
7			4084	8/4	9/2	8/20	9/17			2	29
8			4085	7/27	8/9	8/19	8/27	Good Row		no	13
9			4086	7/30	8/24	8/18	9/12			3	25
10			4087	8/3	9/26	8/22	9/14			4	23
11			4088	8/1	9/1	8/18	9/21			5	31
12			4089	7/29	8/24	8/18	9/9			no	26
	Edith Parent		4090	8/8	8/22	8/27	9/6				10
291A13	Edith x Caloro		4091	7/29	8/31	8/18	9/21			no	33
14			4092	7/29	8/12	8/18	8/27	Good Row		1	14
15			4093	8/5	8/29	8/26	9/21			3	24
16			4094	7/31	8/24	8/18	9/9			9	24
17			4095	8/16	9/5	9/5	9/22			2	20
18			4096	7/30	9/1	8/18	9/20			5	33
19			4097	8/4	8/24	8/22	9/12			3	20
20			4098	7/29	8/25	8/18	9/17			3	27
21			4099	8/14	8/20	8/30	9/8			5	6
										64	
	Colusa Parent		4100	7/28	8/15	8/21	9/2				17
292A1	Colusa x Edith		4101	7/29	8/1	8/18	9/2			1	13
2			4102	7/28	8/11	8/19	9/3			3	14
3			4103	7/29	8/10	8/21	9/2			1	12
4			4104	9/31	8/27	8/18	9/18			2	27
5			4105	7/27	8/1	8/3	8/27	Good Row		0	15
6			4106	7/26	8/24	8/18	9/9	Good Row		8	29
7			4107	7/31	8/26	8/20	9/20			5	26
8			4108	8/1	8/31	8/20	9/19			3	30
9			4109	8/4	8/29	8/21	9/16			6	25
	Edith Parent	2001	4110	8/10	8/9	8/28	9/5				9
292A10	Colusa x Edith		4111	7/26	8/2	8/17	9/3	Good Row		no	18
11			4112	7/27	8/23	8/18	9/14			8	27
12			4113	7/27	8/28	8/17	9/14			5	30
13			4114	7/29	8/27	8/18	9/19			1	29
14			4115	8/3	8/29	8/27	9/20			2	26
15	✓	(continued)	4116	8/22	8/29	9/9	9/20			1	7

Hel. m. hoap Spot
Seed-ling G. House Mature Plant Nursery

S	S	
S	-S	
S	S	
m-N	S	-
S	-S	
m-S	S	
m	S	
m	-S	
m-r	-S	
m-r	S	-
m	-S	
m	ru+	-
m-r	S	-
m	S	
m-N	S	-
m-N	S	-
m	S	
m-S	S	
S	S	
S	S	
m-S	S	
S	-S	
S	S	
-	S	
ru	ru+	
m-N	ru+	
N	S	-
N	-S	
m-N	S	-
m-S	S	
m-S	S	
S	S	
m-N	S	-
m	-S	
m-S	S	
S	S	
N	S	-
S	ru	-
S	ru	-
S	S	

Very Uniform as to earliness, appearance to be better than
Homogyna in seed

too early, too broad grain

tall vigorous plants

Bulked

Cross No.	Cross	1931	1932	Dates					
		Row No.	Row No.	Emerg- ed	Panicle 1st	Emerg. 1st Panicle on last Plant	Ripened 1st last		
293A1	Aikoku x Edith								
293A 1			4117	7/27	8/16	8/18	9/6	good row	2 20
2			4118	8/3	8/19	8/25	9/9		16 16
3			4119	8/3	8/20	8/22	9/8		no 17
	Aikoku Parent		4120	8/3	8/16	8/27	9/5		13
293A4	Aikoku x Edith		4121	7/24	8/18	8/30	9/9		1 25
5			4122	8/2	8/17	8/26	9/6		1 15
6			4123	8/17	9/10	9/15	9/26		2 24
7			4124	8/13	8/20	8/30	9/9		3 7
8			4125	8/1	8/29	8/18	9/21		2 28
9			4126	8/7	9/2	8/29	9/25		1 26
10			4127	7/27	9/5	8/18	9/30		no 40
11			4128	8/1	8/29	8/20	9/22		1 28
12			4129	8/3	8/28	8/20	9/20		no 25
	Edith Parent		4130	8/12	8/21	8/29	9/5		9
293A13	Aikoku x Edith		4131	7/29	8/26	8/18	9/16		2 28
			4132						31
			4133						
294A1	Butte x Edith		4132	8/2	8/16	8/22	9/9	poor	no 14
2			4133	7/30	8/26	8/22	9/15	poor	no 27
3			4134	8/5	8/31	8/26	9/20	poor	no 26
4			4135	7/29	8/24	8/20	9/15		2 26
5			4136	8/3	8/21	8/19	9/5		5 18
6			4137	8/18	8/29	9/10	9/20		3 11
7			4138	8/5	8/29	8/26	9/22		3 24
8			4139	8/17	8/27	9/9	9/20		1 10
	Butte Parent		4140	8/6	8/12	8/27	9/4		6
294A9	Butte x Edith		4141	8/3	9/1	9/5	10/2		3 29
10			4142	8/19	9/1	9/6	9/25		1 13
11			4143	8/3	8/26	8/22	9/15		4 23
12			4144	7/31	8/25	8/20	9/14		2 25
									24
295A1	Edith x Kameji		4145	7/28	8/11	8/16	8/26	good row	1 14
2			4146	8/13	8/29	8/22	9/20		1 26
3			4147	7/28	8/29	8/16	9/20		6 32
4			4148	8/1	8/26	8/18	9/12		2 25
5			4149	8/2	8/31	8/22	9/20		3 29
	Kameji Parent		4150	8/16	8/24	9/7	9/19		8
295A6	Edith x Kameji		4151	8/5	9/16	8/22	9/5		2 11
7			4152	8/3	8/18	8/29	9/6		3 15

Hdm. L. of Spot			Seedling g. House	Mature Plant Nursery
S	S			
m-v	S	-		
m-s	N+	-		
m	-S			
S	-S			
m-v	-S	-		
S	-S			
m-s	S			
m-s	N+	-		
m-v	-S	-		
m-s	-S			
N	N+			
S	S			
m	S			
m-v	S	-		
N	S	-		
m-s	S			
S	S			
N	S	-		
N	S	-		
N	S	-		
m-s	S			
N	S	-		
m	S			
m-s	S			
S	S			
S	N+	-		
m-s	S			
N	-S	-		
N	S	-		
S	-S			
S	-S			
S	N+	-		
m	N	-		
N	N+			
S	N	-		

pl. no. 2 has met. blotched leaves
sent to Tullis on Sept. 17.

all but 1 headed. 5/8 good now only 13 fruit per

Cross No.	CROSS	1931 Row No.	1932 Row No.	Emerg ence	Dates				Emerg ence	1st Plant	1st Plant	1st Plant	1st Plant	last Plant
					Panicle 1st Plant	Emergence 1st Plant	Ripe 1st Plant	Ripe last Plant						
295A8	Edith x Kameji		4153	8/8	8/26	9/2	9/10						3	18
9			4154	7/30	8/13	8/18	9/1						1	14
10			4155	8/4	8/19	8/21	9/5						2	15
11			4156	8/5	8/28	8/28	9/15						2	23
12			4157	8/3	8/22	8/25	9/21	poor row					4	19
13			4158	8/19	8/29	9/6	9/20						4	10
14			4159	7/30	8/26	8/18	9/14						3	27
	Edith Parent		4160	8/14	8/24	9/3	9/6							10
295A15	Edith x Kameji		4161	8/16	8/28	9/2	9/19						3	12
16			4162	8/1	8/29	8/21	9/20	poor row					1	28
17			4163	8/8	9/2	8/27	9/20						3	25
18			4164	7/31	8/26	8/17	9/14						6	26
19			4165	8/1	8/27	8/18	9/16						2	26
20			4166	7/29	8/28	8/19	9/16						1	30
21			4167	8/3	9/2	8/22	9/20						4	30
22			4168	8/24	9/2	9/13	9/20						2	6
23			4169	7/31	8/26	8/18	9/14						3	26
	Kameji Parent		4170	8/15	8/22	9/5	9/12							7
295A24	Edith x Kameji		4171	7/31	8/28	8/19	9/16						no	28
25			4172	8/16	8/28	9/5	9/21	good row					7	12
													69	
296A1	Bozu x Edith		4173	7/13	7/29	8/5	8/21						4	16
2			4174	7/21	8/5	8/8	8/28						no	15
3			4175	7/25	8/19	8/11	9/3						no	25
4			4176	7/25	8/12	8/11	8/26						4	18
5			4177	7/19	8/5	8/5	8/21						3	17
6			4178	7/28	8/9	8/14	8/23						no	12
7			4179	7/19	8/10	8/11	8/25						3	22
	Edith Parent		4180	8/15	8/24	9/1	9/5							9
296A8	Bozu x Edith		4181	7/14	7/30	8/4	9/6						no	16
9			4182	7/19	8/1	8/6	8/20						1	13
10			4183	7/20	8/11	8/3	8/23						no	22
11			4184	7/14	8/5	8/1	8/26						no	22
12			4185	7/21	8/22	8/9	9/8						1	32
13			4186	7/18	8/19	8/8	9/7						no	32
14			4187	7/23	8/12	8/10	9/2						3	20
15			4188	7/16	8/12	8/3	8/26						no	27
													19	

Helm. leaf Spot
Seedling
Gr-House

Mature Plant
Nursery

m-s N —

m-s -S

m-s -S

m-s N —

S N —

S N —

m-N N

m -S

S N —

m-s N —

m-s Nt —

m-N Nt

m-s N —

S Nt —

S N —

m-s -S

m-N -S —

m N —

m-N N

m-s S

m S

m S

m S

m S

m-s S

m-s S

m-s -S

m -S

S -S

S -S

m -S

m-s S

S S

m S

m-s St

N St —

all cut 2 heated by 8/8

Good now

[illegible]

m-v -s -

m-s s

Damaged by birds

m-s -s

m-s v+ -

m-v -s -

m-s -s

good Row.

m -s

v -s -

m-v s -

v s -

m s

m-v -s -

v v+

m-v s -

Very hard grain in selection

m s

m-v s -

v -s -

m-v v+

m-v -s -

v -s -

m-v s -

- v+

v s -

m-v -s -

m-v s -

v -s -

m-v s -

m-v s -

m-s s

m-v v+

v -s -

s -s

m-v v+

m-v s -

s -s

m-s -s

m-s s

m-s s

Cross No.	Cross	1931 Row No.	1932 Row No.	Dates					
				Emerg- ence	Panicle 1st Plant	Emergence Last Plant	Ripe 1st Plant		
298A13	Colusa x Honduras		4227	7/27	9/15	8/18	10/8	no	50
14			4228	8/3	9/23	8/25		no	
15			4229	7/26	9/7	8/18	10/4	2	43
C.I. No. 1600	Colusa Parent		4230	7/31	8/14	8/23	9/4		14
298A16	Colusa x Honduras		4231	8/1	8/4	8/19	9/23	2	34
17			4232	7/25	9/2	8/11	9/22	no	39
18			4233	7/25	8/16	8/13	9/8	no	24
19			4234	8/3	9/1	8/21	9/23	3	29
20			4235	7/27	8/26	8/13	9/20	3	30
21			4236	7/29	9/5	8/19	9/23	3	38
22			4237					38	✓
2			4238						
299A1	Caloro x Honduras		4239	7/30	8/18	8/18	7/6	2	19
2			4238	8/8	8/20	8/28	9/14	4	12
3			4239	7/27	8/15	8/17	9/5	3	19
C.I. No. 1561-1	Caloro Parent		4240	8/8	8/16	9/1	9/7		8
299A4	Caloro x Honduras		4241	8/2	8/17	8/20	9/9	1	15
5			4242	7/31	8/29	8/19	9/21	5	29
6			4243	8/1	8/17	8/18	9/6	no	16
7			4244	8/7	8/20	8/26	9/14	4	13
8			4245	8/7	8/21	9/2	9/9	1	14
9			4246	7/27	8/20	8/18	9/11	1	24
10			4247	8/1	8/19	8/18	9/9	2	18
11			4248	8/1	8/29	8/20	9/15	2	28
12			4249	7/31	8/20	8/19	9/9	no	20
C.I. No. 1643	Honduras Parent		4251	8/16	8/26	9/1	9/11		10
299A13	Caloro x Honduras		4251	8/1	7/15	8/18	10/4	6	
14			4252	8/12	8/25	8/30	9/12	no	13
15			4253	8/22	9/11	9/11	10/3	no	20
16			4254	8/5	7/10	8/25	10/2	no	36
17			4255	8/4	9/9	8/16	9/30	3	36
18			4256	8/8	9/2	8/26	9/22	no	25
19			4257	8/25	9/9	9/15	10/5	1	15
20			4258	8/1	9/9	8/18	10/2	1	39
21			4259	7/27	8/26	8/18	9/15	5	30
C.I. No. 1561-1	Caloro Parent		4260	8/8	8/17	9/1	9/9		9
299A22	Caloro x Honduras		4261	8/1	9/2	8/18	9/25	no	32
23			4262	8/1	9/23	8/26		1	
24			4263	7/27	8/31	8/13	9/25	no	35
25			4264	8/6	9/12	8/25	10/2	3	37

m-s	s	
m	s	
m	s	
-	-s	
v	-s	-
m-s	s	
m-s	-s	
m-s	s	
s	vt+	-
m-s	vt+	-
m-s	-s	
m-s	s	
v	vt	
m-v	-s	-
v	s	-
m-v	s	-
m-v	-s	-
m-s	-s	
s	vt	-
m	vt	-
m	vt	-
m-s	s	
v	s	-
s	-s	
m	vt	-
v	s	-
m	s	
v	s	-
v	s	-
m	-s	
m-s	s	
v	s	-
v	-s	-
m-v	s	-
m	s	
v	s	-
s	s	
m	-s	

~~separ~~ ^{separ} ^{type} make a good many relations look good

Cross No.	Cross	1931 Row No.	1932 Row No.	Plant Emerg- ence	Dates					
					Plant 1st Plant	Plant last Plant	Plant 1st Plant	Plant Last Plant		
299A26	Caloro x Honduras		4265	8/9	9/6	8/29	9/30		no	28
27			4266	8/4	9/9	8/29	10/2		3	36
28			4267	8/22	9/5	9/12			✓	14
29			4268	8/1	9/2	8/22	9/30		2	32
30			4269	8/15	9/7	9/5			3	23
C.I. No. 1643	Honduras Parent		4270	8/14	8/27	9/2	9/14			44
299A31	Caloro x Honduras		4271	8/3	9/5	8/20	9/27		1	33
									56	
2910A1	Delitus x Caloro		4272	8/7	8/26	9/2	9/21		3	19
2			4273	7/30	8/22	8/29	9/12		7	23
3			4274	8/1	8/14	8/26	9/20		2	10
4			4275	8/3	8/21	8/19	9/9		no	17
5			4276	8/1	8/29	9/2	10/12		2	28
6			4277	8/15	8/29	8/6	10/1		2	14
7			4278	8/11	8/28	9/2	9/27		1	17
8			4279	8/4	8/20	8/27	9/20		3	16
C.I. No. 1206	Delitus Parent		4280	8/16	8/31	9/3	9/16			15
2910A9	Delitus x Caloro		4281	8/1	9/1	8/26	9/21		3	31
10			4282	7/30	8/19	8/19	9/18		no	20
11			4283	8/5	9/10	9/2	10/7		5	36
12			4284	8/15	8/29	9/10	9/21		no	45
13			4285	7/27	8/31	8/4	9/21		1	35
14			4286	8/3	8/17	8/26	9/13		2	14
15			4287	8/31	8/31	9/19	9/24		no	
16			4288	8/7	9/10	9/2	10/7		no	34
17			4289	8/21	9/5	9/7	10/5		2	15
C.I. 1561-1	Caloro Parent		4290	8/11	8/20	9/2	9/10			9
2910A18	Delitus x Caloro		4291	7/29	8/24	8/22			no	
19			4292	7/31	9/22	8/20			no	
20			4293	8/1	8/26	8/31	9/26		4	25
21			4294	7/15	9/21	9/5			no	
22			4295	8/3	9/15	8/26			3	43
23			4296	8/3	8/21	8/27	9/25		1	18
24			4297	8/10	8/20	9/2	9/21		2	10
25			4298	7/30	8/22	8/22	9/17		no	13
26			4299	8/12	9/4	9/2	9/26		1	23
C.I. No. 1206	Delitus Parent		4300	8/16	8/29	9/5	9/15			13
			4301						44	
			4302							

m	s	
n	s	-
s	-s	
m	n+	-
m	-s	
s	-s	
s	s	

m-s	s	
m-n	n+	
s	n+	-
n	n+	
n	s	-
n	-s	-
m	-s	
n	-s	-

m-n	s	-
m	-s	
m	-s	
s	n+	-
s	s	
m	n	-
m	n	-
m-s	n	-
s	s	
s	s	

m-n	-s	-
s	-s	
m	-s	
n	n+	
s	-s	
s	s	
m	n	-
m	n	-
n	n+	
n	n+	
m-n	-s	-

hulked

one plant

Cross No.	Cross	1931 Row No.	1932 Row No.	Date						
				Plant Emerg- ence	Panicle 1st Plant	Emergence Last Plant	Ripe 1st Plant	Ripe Last Plant		
2911A1	Kameji x Honduras	2	4301	8/15	8/19	8/26	9/9		1	14
3			4302	8/14	8/18	8/22	9/9		2	14
4			4303	8/14	8/19	8/23	9/7		1	15
5			4304	8/13	8/19	8/23	9/6		1	16
6			4305	8/1	8/19	8/23	9/7		1	18
7			4306	8/1	8/21	8/22	9/9		5	20
8			4307	7/31	8/21	8/26	9/12		3	21
9			4308	8/1	8/18	8/19	9/9		2	17
			4309	8/3	8/18	8/19	9/9		2	15
	Kameji Parent		4310	8/17	8/24	9/9	9/13			7
2911A10	Kameji x Honduras	11	4311	8/4	9/12	8/23	10/10		make 9	8
12			4312	7/31	8/13	8/19	9/4		no	13
13			4313	7/29	8/11	8/19	9/3		no	13
14			4314	7/30	8/13	8/19	9/4		no	14
15			4315	8/1	9/8	8/18	10/1		1	58
16			4316	8/15	9/2	9/1	9/25		no	18
17			4317	7/29	9/9	8/14	10/1		3	42
18			4318	8/1	9/8	8/26	10/2		no	38
			4319	8/10	9/6	8/26	9/25		1	27
C.I. No. 1643	Honduras Parent		4320	8/11	8/12	9/1	9/7			11
2911A19	Kameji x Honduras	20	4321	8/6	9/8	8/22	9/26		2	33
21			4322	7/31	9/1	8/20	9/22		2	32
22			4323	8/9	8/26	8/29	9/20		2	11
23			4324	8/5	9/8	8/22	9/28		no	36
24			4325	7/29	9/13	8/7			3	41
25			4326	8/1	9/1	8/18	9/24		5	31
26			4327	8/10	9/26	8/26			no	23
27			4328	8/7	9/12	8/27	9/30		no	36
			4329	8/6	9/21	8/21			1	
	Kameji Parent		4330	8/19	8/25	9/8	9/13			6
2911A28	Kameji x Honduras	29	4331	8/8	9/6	8/26	9/26		4	29
30			4332	8/5	9/6	8/27	9/30		no	32
31			4333	7/30	9/12	8/19	10/1		no	44
32			4334	8/4	9/5	8/25	9/27		no	32
33			4335	8/5	9/4	8/26	9/28		no	30
34			4336	8/1	9/5	8/27	9/28		no	32
35			4337	8/5	9/9	8/24	9/29		2	35
36			4338	8/5	9/6	8/26	9/29		no	32
			4339	8/5	9/11	8/26	9/30		1	37
C.I. No. 1643	Honduras Parent		4340	8/16	8/23	9/1	9/10			7

Cross No.	Cross	1931 Row No.	1932 Row No.	Date				1st Foli Head	Days from
				Plant Emerg- ence	1st Plant	Last Plant	1st Plant	Last Plant	
2911A37	Kameji x Honduras		4341	7/31	9/5	8/19	9/27	no	36
38			4342	8/3	9/5	8/21	9/28	1	33
39			4343	8/22	9/5	9/8	9/25	no	14
40			4344	8/1	9/20	8/8		3	
41			4345	7/28	9/2	8/18	9/25	2	36
42			4346	8/27	9/11	9/16	9/30	1	15
								61	
2912A1	Kameji x Blue Rose		4347	8/4	8/23	9/5	9/18	1	9
2			4348	8/18	8/27	9/6	9/20	2	9
3			4349	8/17	8/25	9/9	9/19	3	8
	Blue Rose Parent		4350	8/27	8/31	9/19	9/23		4
2912A 4	Kameji x Blue Rose		4351	8/22	9/1	9/12	9/22	2	10
5			4352	8/19	8/31	9/9	9/19	1	12
6	✓		✓4353	8/16	8/22	9/5	9/15	4	6
7			4354	8/19	8/29	9/12	9/19	3	10
8			4355	8/17	8/28	9/6	9/20	1	11
9			4356	8/18	8/29	9/9	9/20	3	11
10			4357	8/16	8/26	9/9	9/19	1	10
11			4358	8/18	9/15	9/10		3	12
12			4359	8/23	8/31	9/15	9/22	1	8
	Kameji Parent		4360	8/18	8/28	9/9	9/17		10
2912A13	Kameji x Blue Rose		4361	8/16	8/29	9/7	9/21	3	13
14			4362	8/17	8/29	9/9	9/20	1	12
15			4363	8/20	8/26	9/12	9/20	no	6
16			4364	8/26	9/2	9/18		2	7
17			4365	8/24	9/1	9/13	9/26	2	8
18			4366	8/20	8/29	9/14	9/22	2	9
19			4367	8/17	8/28	9/8	9/21	2	11
20			4368	8/21	8/29	9/13	9/25	4	8
21			4369	8/26	9/1	9/17	9/24	no	6
	Blue Rose Parent		4370	8/27	8/31	9/18	9/22		4
2912A22	Kameji x Blue Rose		4371	8/16	8/26	9/5	9/19	no	10
23			4372	8/22	8/30	9/15	9/24	1	8
24			4373	8/17	8/26	9/9	9/20	6	9
25			4374	8/18	8/26	9/10	9/20	1	8
26			4375	8/18	8/28	9/9	9/20	2	10
27			4376	8/18	8/29	9/14	9/21	no	11
28			4377	8/18	8/26	9/9	9/20	1	8
29			4378	8/21	8/31	9/15	9/26	1	10

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Cross No.	Cross	1931 Row No.	1932 Row No.	Date					
				Plant Emergence	Panicle 1st plant	Emergence Last plant	Ripe 1st plant		
2912A30	Kameji x Blue Rose		4379	8/20	8/31	9/15	9/25	1	11
	Kameji Parent		4380	8/17	8/24	9/8	9/15		7
2912A31	Kameji x Blue Rose		4381	8/21	8/30	9/10	9/21	1	9
32			4382	8/22	8/29	9/12	9/21	1	7
33	✓		4383	8/18	8/29	9/17	9/22	2	11
34			4384	8/16	8/25	9/6	9/19	1	9
35			4385	8/18	8/29	9/10	9/20	1	11
36			4386	8/22	8/29	9/14	9/22	no	7
37			4387	8/21	8/29	9/12	9/21	1	8
38			4388	8/20	9/19	9/12		5	
39			4389	8/20	8/29	9/10	9/20	1	8
	Blue Rose Parent		4390	8/26	9/1	9/19	9/23		6
2912A40	Kameji x Blue Rose		4391	8/22	8/30	9/15	9/24	no	8
41			4392	8/18	9/19	9/9		no	7
42			4393	8/17	8/26	9/10	9/21	2	9
43			4394	8/26	9/2	9/15	9/25	1	7
44			4395	8/16	8/27	9/9	9/20	1	11
45			4396	8/17	8/26	9/9	9/19	no	9
46			4397	8/16	8/28	9/9	9/20	2	12
47			4398	8/16	8/26	9/9	9/15	2	10
48			4399	8/18	8/26	9/9	9/18	no	8
	Kameji Parent		4400	8/17	8/24	9/10	9/14		7
7577									
2913A1	Colusa x Blue Rose		4401	8/11	8/14	8/26	9/6	no	10
2			4402	8/13	8/17	8/25	9/6	no	14
3			4403	8/13	8/26	8/26	9/12	1	23
4			4404	8/13	8/16	8/25	9/6	1	13
5			4405	8/21	8/15	8/20	9/15	no	15
6			4406	8/2	8/19	8/29	9/10	3	15
7			4407	8/1	8/15	8/22	9/5	no	14
8			4408	8/3	8/15	8/27	9/7	no	13
9			4409	8/3	8/24	8/25	9/14	2	23
C.I. No. 1600	Colusa Parent		4410	8/29	8/13	8/20	9/2		15
2913A10	Colusa x Blue Rose		4411	8/8	8/29	9/2	9/19	no	21
11			4412	8/8	8/31	9/4	9/24	1	23
12			4413	8/2	8/20	8/21	9/18	5	18
13			4414	8/3	8/19	8/26	9/20	no	26
14			4415	8/8	8/29	9/6	9/20	no	21
15			4416	8/10	8/29	9/6	9/22	1	19

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v	s	-
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m	s	-
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m	s	-
m-s	s	-
v	s	-
m-s	s	-
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Cross No.	Cross	1931 Row No.	1932 Row No.	Date				no	
				Plant Emerg- ance	Panicle 1st Plant	Emergence Last Plant	Ripe 1st Plant		
2913A 16	Colusa x Blue Rose	16	4417	8/3	8/25	8/26	9/13	no	22
17			4418	7/30	8/28	8/26	9/19	3	29
18			4419	8/1	9/19	8/25		1	
2913A 19	Blue Rose Parent		4420	8/27	8/31	9/9	9/23		4
20			4421	8/1	8/24	8/22	9/19	1	25
21			4422	8/4	9/1	8/26	9/24	no	28
22			4423	8/20	9/7	9/13	9/30	4	18
23			4424	8/27	9/2	9/16	9/24	no	6
24			4425	8/8	8/26	8/31	9/15	3	18
25			4426	8/11	8/21	8/22	9/12	1	20
26			4427	8/18	8/30	9/9	9/20	no	12
27			4428	8/22	8/31	9/14	9/22	1	9
			4429	8/4	8/27	8/27	9/19	2	23
C.I. No. 1600	Colusa Parent		4430	7/31	8/15	8/21	9/2		15
2913A 28			4431	8/6	8/19	9/11	9/12	1	13
29			4432	8/9	8/31	9/5	9/26	8	22
30			4433	8/10	8/29	9/6	9/21	1	19
31			4434	8/27	8/30	9/19	9/23	5	3
32			4435	8/6	8/23	8/27	9/19	4	17
								47	46
								37	
2914A 1	Caloro x Blue Rose		4436	8/13	8/27	9/1	9/19	no	14
2			4437	8/16	8/25	9/6	9/14	1	9
3			4438	8/8	8/18	9/2	9/13	good type	10
4			4439	8/11	8/29	9/2		1	16
	Blue Rose Parent		4440	8/27	8/31	9/9	9/23		4
2914A 5	Caloro x Blue Rose		4441	8/13	8/24	9/6	9/15	2	11
6			4442	8/14	8/23	9/7	9/14	1	9
7			4443	8/13	8/23	9/7	9/14	no	10
8			4444	8/10	8/19	9/2	9/15	1	9
9			4445	8/20	8/30	9/9	9/21	3	10
10			4446	8/14	8/30	9/7	9/21	no	16
11			4447	8/14	8/29	9/6	9/21	2	15
12			4448	8/18	8/31	9/9	9/24	1	13
13			4449	8/13	8/24	9/6	9/14	1	11
1561-1	Caloro Parent		4450	8/9	8/18	9/1	9/9		11
2914A 14	Caloro x Blue Rose		4451	8/13	8/20	9/5	9/14	2	7
15			4452	8/13	8/27	9/4	9/18	no	14
16			4453	8/14	8/28	9/6	9/21	1	14
17			4454	8/12	8/27	9/4	9/19	1	15

Cross No.	Cross	1931 Row No.	1932 Row No.	Date				Harvested
				Plant Emerg- ence	Penicle 1st Plant	Emergence last Plant	Ripe 1st Plant	
2914A18	Caloro x Blue Rose		4455	8/15	8/29	9/6	9/20	no 14
19			4456	8/13	8/27	9/5	9/17	look good 8. 14
20			4457	8/9	8/29	9/6	9/22	no 20
21			4458	8/22	8/30	9/10	9/23	no 8
22			4459	8/15	8/31	9/5	9/27	3 16
	Blue Rose Parent		4460	8/25	8/31	9/18	9/22	6
2914A23	Caloro x Blue Rose		4461	8/12	8/26	9/6	9/20	4 14
24			4462	8/17	8/27	9/17	9/28	no 10
25			4463	8/12	9/3	9/6	9/21	2 22
26			4464	8/14	9/4	9/7	9/28	1 21
27			4465	8/20	9/2	9/16	9/26	1 13
28			4466	8/14	9/2	9/7	9/29	1 19
29			4467	8/15	8/31	9/6	9/22	no 16
30			4468	8/13	9/8	9/7	10/3	2 26
31			4469	8/14	8/21	9/6	9/12	8 28
1561-1	Caloro Parent		4470	8/7	8/16	9/2	9/8	9
2914A32	Caloro x Blue Rose		4471	8/14	8/22	9/6	9/13	1 9
33			4472	8/13	9/3	9/7	9/24	4 20
34			4473	8/13	8/24	9/6	9/13	no 11
35			4474	8/18	8/30	9/10	9/20	3 12
36			4475	8/12	8/24	9/5	9/21	good deep to 12
37			4476	8/20	8/29	9/10	9/23	2 9
								67
2915A1	Bozu x Blue Rose		4477	7/25	8/22	8/11	9/18	no 28
2			4478	7/19	8/29	8/8	9/20	1 41
3			4479	7/17	8/2	8/8	9/5	no 16
	Bozu Parent		4480	7/1	7/15	7/20	8/6	48 14
2915A4	Bozu x Blue Rose		4481	7/12	8/21	8/3	9/15	1 40
5			4482	7/13	8/13	8/3	9/4	no 31
6			4483	7/13	8/27	8/3	9/15	2 45
7			4484	7/9	7/26	8/3	8/27	2 17
8			4485	7/11	8/10	7/31	8/27	no 30
9			4486	7/6	7/29	7/31	8/26	no 23
10			4487	7/10	7/15	8/1	9/14	no 36
11			4488	7/14	8/13	8/4	8/27	1 30
12			4489	7/15	8/12	8/14	9/4	no 28
	Blue Rose Parent		4490	8/26	8/31	9/19	9/28	5
2915A13	Bozu x Blue Rose		4491	7/25	8/11	8/16	9/6	1 17
14			4492	7/29	8/12	8/16	9/5	no 14
15			4493	8/4	8/15	8/26	9/7	9 2 11

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Cross No.	Cross	1931	1932	Date					
		Row No.	Row No.	Plant Emergence	Panicle 1st Plant	Emergence Last Plant	Ripe 1st Plant		
2916A1	Edith x Blue Rose		4494	8/12	8/18	8/29	9/7	1	6
2			4495	8/4	8/14	8/23	9/6	4	10
3			4496	8/7	8/20	8/29	9/9	4	13
4			4497	8/8	8/20	8/29	9/9	1	12
5			4498	8/1	8/16	8/22	9/7	4	15
6			4499	8/4	8/18	8/22	9/9	2	14
	Edith Parent		4500	8/15	8/20	9/2	9/9		5
2916A7	Edith x Blue Rose		4501	8/10	8/19	8/29	9/9	4	9
8			4502	8/15	8/23	9/1	9/12	3	8
9			4503	8/11	8/19	8/29	9/9	6	9
10			4504	8/8	8/19	8/27	9/8	4	11
11			4505	8/11	8/22	9/1	9/9	2	11
12			4506	8/13	8/22	9/2	9/13	2	9
13			4507	8/10	8/20	8/29	9/9	3	10
14			4508	8/10	8/21	8/29	9/12	2	11
15			4509	8/11	8/24	8/29	9/12	3	13
	Blue Rose Parent		4510	8/27	8/31	9/19	9/23		4
2916A16	Edith x Blue Rose		4511	8/11	8/19	8/29	9/8	1	8
17			4512	8/5	8/18	8/26	9/9	6	13
18			4513	8/13	8/24	9/2	9/10	2	11
19			4514	8/2	8/20	8/29	9/8	1	18
20			4515	8/5	8/20	8/29	9/9	1	15
21			4516	8/3	8/18	8/23	9/10	1	15
22			4517	8/5	8/20	8/28	9/9	1	15
23			4518	8/8	8/20	8/30	9/9	5	12
24			4519	8/11	8/26	9/1	9/13	1	15
	Edith Parent		4520	8/11	8/21	9/1	9/8		11
2916A25	Edith x Blue Rose		4521	8/9	8/20	8/28	9/10	2	13
26			4522	8/7	8/17	8/27	9/8	no	10
27			4523	8/7	8/20	8/30	9/9	no	13
28			4524	8/12	8/23	9/1	9/9	5	11
29			4525	8/14	8/23	9/2	9/10	2	9
30			4526	8/6	8/18	8/27	9/9	3	12
31			4527	8/6	8/21	8/27	9/10	5	15
32			4528	8/4	8/15	8/23	9/8	3	11
33			4529	8/11	8/20	8/31	9/13	5	9
	Blue Rose Parent		4530	8/25	8/30	9/18	9/22		5
2916A34	Edith x Blue Rose		4531	8/8	8/20	8/26	9/12	4	12
35			4532	8/12	9/2	9/1	9/24	1	21
36			4533	8/13	9/5	9/2	9/25	no	23

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Cross No.	Cross	1931	1932	Dates					
		Row No	Row No.	Plant Emergence	Panicle 1st Plant	Emergence Last Plant	Ripe 1st Plant		
2916A37	Edith x Blue Rose		4534	8/14	9/2	9/2	9/23	3	19
38			4535	8/12	9/1	9/1	9/22	no	20
39			4536	8/7	8/31	9/1	9/25	3	24
40			4537	8/13	9/1	9/2	9/23	2	19
41			4538	8/8	8/30	8/29	9/21	5	22
								109	✓
2917A1	Carolina Gold x Blue Rose		4539	8/7	8/27	8/27	9/10	6	14
1645	Carolina Gold Parent		4540	8/17	8/28	9/2	9/10		11
2917A2	Carolina Gold x Blue Rose		4541	8/6	8/24	8/30	9/11	3	18
3			4542	8/11	8/21	8/27	9/10	4	10
4			4543	8/7	8/19	8/30	9/9	2	12
5			4544	8/6	8/18	8/29	9/9	2	12
6			4545	8/12	8/24	8/30	9/12	7	12
7			4546	8/13	8/26	8/30	9/13	no	13
8			4547	8/12	8/26	9/3	9/13	4	14
9			4548	8/11	8/25	8/29	9/12	6	14
10			4549	8/21	8/27	9/6	9/13	2	6
	Blue Rose Parent		4550	8/26	8/30	9/18	9/22		4
2917A11	Carolina Gold x Blue Rose		4551	8/13	8/23	9/2	9/9	5	10
12			4552	8/12	8/20	8/30	9/10	3	8
13			4553	8/6	8/19	8/26	9/8	1	13
14			4554	8/5	8/19	8/26	9/8	1	14
15			4555	8/16	9/18	9/5	9/30	8	23
16			4556	8/13	9/2	9/1	9/22	no	20
17			4557	8/13	8/25	9/2	9/14	no	43
18			4558	8/11	9/1	8/30	9/24	no	21
19			4559	8/13	9/2	9/2	9/20	6	20
1645	Carolina Gold Parent		4560	8/18	8/28	9/2	9/13		10
2917A20	Carolina Gold x Blue Rose		4561	8/8	8/22	8/27	9/12	no	14
21			4562	8/14	9/9	9/31	9/28	5	26
22			4563	8/11	9/1	8/26	9/21	3	11
23			4564	8/13	8/24	9/2	9/13	2	13
24			4565	8/13	8/25	9/2	9/12	3	12
25			4566	8/13	8/24	8/6	9/12	no	11
26			4567	8/12	9/6	8/26	9/27	3	25
27			4568	8/13	9/6	9/7	9/25	10	22
28			4569	8/12	9/6	8/27	9/27	2	25
	Blue Rose Parent		4570	8/24	8/29	9/17	9/22		5
2917A29	Carolina Gold x Blue Rose		4571	8/11	8/26	8/21	9/14	8	15
30			4572	8/7	9/1	8/2	9/22	✓ 100	25

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Cross No.	Cross	1931 Row No.	1932 Row No.	Dates						
				Plant Emergence	Plant 1st Emergence	Plant Last Emergence	Plant 1st Ripe	Plant Last Ripe		
2918A1	Blue Rose x Delitus	2	4573	8/11	8/25	8/30	9/14		3	14
3			4574	8/14	8/28	9/2	9/12		5	6
4			4575	8/11	8/26	9/2	9/19		4	15
5			4576	8/13	8/24	9/7	9/18		2	11
6			4577	8/17	8/25	9/6	9/18		3	8
7			4578	8/17	8/26	9/6	9/18		4	9
			4579	8/11	8/22	8/21	9/12		6	21
1206	Delitus Parent		4580	8/18	8/26	9/6	9/17			8
2918A8	Blue Rose x Delitus	9	4581	8/17	8/27	9/6	9/19		3	10
10			4582	8/16	8/28	8/26	9/20		4	22
11			4583	8/17	8/25	8/27	9/18		3	18
12			4584	8/12	8/28	8/29	9/22		3	16
13			4585	8/6	8/28	8/25	9/17		1	25
14			4586	8/6	8/21	9/2	9/16		2	15
15			4587	8/5	8/21	8/27	9/13		90	16
16			4588	8/6	8/19	8/26	9/9		1	13
			4589	8/1	8/24	8/26	9/19		2	23
	Blue Rose Parent		4590	8/26	8/30	9/17	9/21			4
2918A17	Blue Rose x Delitus	18	4591	8/18	8/26	9/1	9/25		4	18
19			4592	8/17	8/27	9/7	9/21		4	10
20			4593	8/7	8/21	8/30	9/17		2	14
21			4594	8/4	8/15	8/26	9/28		9	32
22			4595	8/12	9/5	9/18	9/30		3	24
23			4596	8/15	8/26	9/5	9/18		4	42
24			4597	8/11	9/9	8/26	9/8		4	29
25			4598	8/5	8/19	8/26	9/13		2	14
			4599	8/8	9/6	8/27	9/30		3	29
1206	Delitus Parent		4600	8/19	8/28	9/6	9/17			9
2918A26	Blue Rose x Delitus	27	4601	8/12	9/9	8/29	9/30		3	28
28			4602	8/11	9/6	8/26	9/26		3	26
29			4603	8/17	8/27	9/6	9/20		1	10
30			4604	8/5	9/1	8/25	9/30		2	35
31			4605	8/11	8/26	8/30	9/19		1	15
33			4606	8/3	9/6	8/18	9/6		3	34
32			4607	8/11	8/22	8/26	9/11		71	19
34			4608	8/7	9/12	8/24	9/2		90	36
			4609	8/12	8/26	8/27	9/9		1	14
	Blue Rose Parent		4610	8/25	8/30	9/17	9/22			5
2918A35	Blue Rose x Delitus	36	4611	8/19	8/23	9/2	9/18		3	11
37			4612	8/18	8/26	9/12	9/19		4	14
			4613	9/16	8/26	9/13	9/19		2	10

Cross No.	Cross	1931 Row No.	1932 Row No.	Dates						
				Plant Emerg- ence	Panicle 1st plant	Emergence last plant	1st plant	ripe last plant		
2919A1	Honduras x Blue Rose		4614	8/7	8/21	8/25	9/12		2	14
2			4615	8/11	8/20	8/27	9/12		2	9
3			4616	8/14	8/26	9/3	9/16		4	12
4			4617	8/15	8/27	9/2	9/17		2	12
5			4618	8/15	8/25	9/2	9/16		2	10
6			4619	8/13	8/25	9/2	9/17		7	12
1643	Honduras Parent		4620	8/12	8/24	8/30	9/1			12
2919A7	Honduras x Blue Rose		4621	8/15	8/25	9/4	9/18		4	10
8			4622	8/15	8/26	9/9	9/18		4	11
9			4623	8/12	8/25	8/30	9/17		2	13
10			4624	8/11	8/24	8/30	9/12		2	13
11			4625	8/13	8/26	9/2	9/16		2	13
12			4626	8/11	8/24	8/31	9/12		6	13
13			4627	8/12	8/26	9/1	9/15		6	14
14			4628	8/12	8/28	8/29	9/18		1	16
15			4629	8/11	8/19	8/26	9/9		3	8
	Blue Rose Parent		4630	8/26	8/30	9/17	9/21			4
2919A16	Honduras x Blue Rose		4631	8/13	8/25	9/2	9/17		7	12
17			4632	8/13	8/24	9/1	9/16		2	11
18			4633	8/11	8/20	8/29	9/10		2	9
19			4634	8/18	8/27	9/5	9/17		6	9
20			4635	8/11	8/21	8/30	9/11		3	10
21			4636	8/12	9/1	9/2	9/21		5	20
22			4637	8/13	8/26	9/2	9/18		6	13
23			4638	8/12	8/26	9/3	9/18		7	14
24			4639	8/15	9/5	9/5	9/26		2	21
1643	Honduras Parent		4640	8/16	8/24	9/2	9/10			8
2919A25	Honduras x Blue Rose		4641	8/14	8/26	9/3	9/17		no	12
26			4642	8/11	8/24	8/26	9/12		1	13
27			4643	8/13	9/1	9/3	9/24		3	19
28			4644	8/13	9/2	9/3	9/28		no	20
29			4645	8/13	8/25	9/5	9/12		3	12
30			4646	8/14	8/26	9/6	9/18		8	15
31			4647	8/13	8/25	9/2	9/18		no	12
32			4648	8/11	8/24	8/30	9/12		no	13
33			4649	8/15	9/5	9/5	9/23		no	21
	Blue Rose Parent		4650	8/26	8/30	9/19	9/22			4
2919A34	Honduras x Blue Rose		4651	8/13	8/25	9/2	9/12		4	12
35			4652	8/12	9/5	8/30	9/26		no	24
36			4653	8/13	9/10	8/31	9/24		no	20

Cross No	Cross	1931 Row No.	1932 Row No.	Dates						
				Plant Emergence	Panicle 1st emergence Plant	Emergence Last plant	Ripe 1st Plant	Ripe Last Plant		
2920A37	Improved Blue Rose x Fortuna		4694	8/13	9/16	9/1			5	34
38			4695	8/12	9/18	9/26	10/4		4	37
39			4696	8/18	9/22	9/7			1	35
40			4697	8/18	9/18	9/6			3	31
41			4698	8/17	9/18	8/26			3	42
42			4699	8/25	9/6	9/12	9/24		2	12
1344	Fortuna Parent		4700	9/1	9/9	9/18	9/26			8
2920A43	Improved Blue Rose x Fortuna		4701	8/16	9/23	9/5			4	43
44			4702	8/13	9/24	8/30			4	42
45			4703	8/20	9/17	9/6			4	28
46			4704	9/1	9/16	9/20	10/4		3	15
47			4705	8/26	9/7	9/12	9/28		5	12
48			4706	8/20	9/6	9/12	10/1		2	15
49			4707	8/29	9/26	9/21			2	38

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Crosses planted for Inheritance Studies (F_2 for F_3 population)

Cross No.	Cross	1931 Row No.	1932 Row No.	Dates			
				Plant Emerg- ence	Panicle 1st Plant	Emergence Last Plant	Ripe 1st Plant Last Plant
				Color inheritance of Apiculus, glumes and awns.			
293A14	Aikoku x Edith		4708		7/29	8/9	8/19 9/28
15			4709		7/30	8/19	
	Aikoku Parent		4710		8/10	8/18	
293A16	Aikoku x Edith		4711		7/27		
17			4712		8/12		
18			4713		8/13		
19			4714		8/13		
20			4715		8/14		
21			4716		8/12		
22			4717		8/13	8/16	
23			4718		8/18		
24			4719		8/12		
	Edith Parent		4720		8/13		
293A25	Aikoku x Edith		4721		8/8		
26			4722		8/8		
27			4723		8/3	8/13	
28			4724		8/15	8/24	
29			4725		8/3	8/20	
30			4726		8/3	8/14 8/18	
31			4727				
32			4728		8/15		
				Color inheritance of apiculus, glumes and awns.			
295A26	Edith x Kameji		4729		8/26		
	Kameji Parent		4730		8/18		
295A27	Edith x Kameji		4731		8/5		
28			4732		8/4		
29			4733				
30			4734		8/4		
31			4735				
32			4736		8/5	8/18	
33			4737		8/6		
34			4738		8/4		
35			4739		8/12	8/26	
	Edith Parent		4740		8/15		
295A36	Edith x Kameji		4741		8/6		
37			4742		8/13	8/27	
38			4743		8/12	8/26	
39			4744				

Cross No.	Cross	1931 Row No.	1932 Row No.	Plant Emerg- ence	Dates			
					Panicle emergence		Ripe	
					1st Plant	Last Plant	1st Plant	Last Plant
295A40	Edith x Kameji		4745		8/12	8/27		
41			4746		8/4	8/25		
42			4747		8/3			
43			4748		8/4	8/26		
44			4749		8/10			
	Kameji Parent		4750		8/18			
295A45	Edith x Kameji		4751		8/17			
46			4752		8/12			
47			4753		8/8	8/26		
48			4754		8/18			
49			4755		8/3			
50			4756		8/4	8/26		
<i>For inheritance of lemma & palea color</i>								
297A23	Colusa x Delitus		4757					
24			4758		8/14	8/27	8/15	
25			4759		8/10			
1206	Delitus Parent		4760					
297A26	Colusa x Delitus		4761		8/9			
27			4762		8/10			
28			4763		8/9	8/20		
29			4764		7/26			
30			4765		8/7	8/18		
31			4766					
32			4767					
33			4768		8/4	8/26		
34			4769		8/14			
1600	Colusa Parent		4770		7/29	7/30	7/31	8/1
297A35	Colusa x Delitus		4771		8/9			
36			4772		8/4			
37			4773					
38			4774		8/5			
39			4775		8/12	8/26		
40			4776		8/12			
41			4777		8/6	8/25		
42			4778		7/29	8/25	8/15	
43			4779		8/14			
1206	Delitus Parent		4780					

Cross No.	Cross	1931	1932	Dates					
		Row No.	Row No.	Plant Emerg.	1st Plant	2nd Plant	3rd Plant	4th Plant	
For inheritance study									
2913A33	Colusa x Blue Rose		4781	7/31	8/1	8/1	8/1	8/1	8/1
34			4782	8/9	8/12	8/15	8/18	8/21	8/24
35			4783	8/18	8/19	8/20	8/21	8/22	8/23
36			4784	8/11	8/12	8/13	8/14	8/15	8/16
37			4785	8/6	8/8	8/9	8/10	8/11	8/12
38			4786	8/20	8/22				
39			4787	8/18					
40			4788	8/17	8/19	8/21	8/23	8/25	8/27
41			4789	8/18	8/19	8/20	8/21	8/22	8/23
	Blue Rose Parent		4790						
2913A42	Colusa x Blue Rose		4791	8/15	8/16	8/17	8/18	8/19	8/20
43			4792	8/15	8/16	8/17	8/18	8/19	8/20
44			4793						
45			4794	8/17	8/18	8/19	8/20	8/21	8/22
46			4795						
47			4796	8/15	8/16	8/17	8/18	8/19	8/20
48			4797	8/15	8/16	8/17	8/18	8/19	8/20
49			4798	8/29	8/31	9/1	9/2	9/3	9/4
50			4799	8/16	8/17	8/18	8/19	8/20	8/21
1600	Colusa Parent		4800	8/11	8/12	8/13	8/14	8/15	8/16
2913A51	Colusa x Blue Rose		4801	8/15	8/16	8/17	8/18	8/19	8/20
For inheritance of flower & petal color									
2917A31	Blue Rose x Carolina Gold		4802	8/18					
32			4803	8/30					
33			4804	8/14					
34			4805	8/15					
35			4806						
36			4807	8/17					
37			4808	8/11					
38			4809	8/24					
1645	Carolina Gold Parent		4810	8/19	8/28	9/6			
2917A39	Carolina Gold x Blue		4811	9/2					
40	Blue Rose x Carolina Gold		4812	8/15	9/3	9/6			
41			4813	8/12	8/25	9/4			
42			4814	8/19					
43			4815	8/19	9/3	9/5			
44			4816	8/14	9/2	9/5			
45			4817	8/16					

Cross No.	Cross	1931 Row No.	1932 Row No.	Dates				
				Plant Emergence	Panicle Emergence	1st Plant	Last Plant	Ripe Last Plant
2917A46	Blue Rose x Carolina Gold		4818	8/14	9/7	9/2		
47			4819	8/9	9/6	9/2		
	Blue Rose Parent		4820	8/27	8/31			
2917A48	Blue Rose x Carolina Gold		4821	8/9		9/2		
49			4822	8/16		9/3		
50			4823	8/19		9/3		
51			4824	9/3				
52			4825	8/17		9/3		
53			4826	8/20		9/6		
54			4827	9/3				
55			4828	8/13	8/24	8/30		
56			4829	9/4				
1645	Carolina Gold Parent		4830	8/17	8/26	9/3		
2917A57	Blue Rose x Carolina Gold		4831	9/4				

Space-planted

F₁ Hybrid material for growing F₂ populations. Crosses made at Bmt. in 1932

Cross No.	Cross	1932 Row No.	Dates					
			Plant Emerg- ence	Anicle 1st Plant	Emergence Last Plant	Ripe 1st Plant		
	Fortuna Parent	4832	8/29	9/4	9/17		8	S
312A	Fortuna x Early Prolific	1 row 4833	8/15	8/29	9/3	9/13	9	S
	Early Prolific Parent	4834	8/11	8/24	9/3	9/13		S
312B	Early Prolific x Fortuna	2 rows 4835	8/8	9/15	8/26		24	-S
	Storm Proof Parent	4836	8/15	8/26	9/2	9/12		S+
313A	Storm Proof x Fortuna	2 rows 4837	8/5	9/21	8/24		6	-S
	Fortuna Parent	4838	8/30	9/6	9/18			S
314A	Storm Proof x Spain Jap	2 rows 4839	8/8	8/23	8/27	9/13	7	S
	Spain Jap	4840	7/30	8/5	8/19			N
314A	Storm Proof x Spain Jap	3 rows 4841	7/26	8/30	8/45		8	S
	Storm Proof Parent	4842	8/15	8/26	9/2	9/13		S+
314A	Storm Proof x Spain Jap	3 rows 4843	8/1	9/15	8/19		5	+ to S
	Spain Jap	4844	7/30	8/11	8/20			N
315A	Spain Jap x Lady Wright	3 rows 4845	7/26	8/23	8/30	9/17	9	n to S
	Wanica Parent	4846	8/15	8/24	9/3	9/12		S
316A	Wanica x Fortuna	1 row 4847	8/8	9/4	8/24	9/23	3	n to S
317A	Wanica x Fortuna Sel.	4 rows 4848	8/13	9/3	8/31	9/21	35	n to S
	Fortuna Parent	4849	8/28	9/4	9/18			-S
	Lady Wright Parent	4850	8/5	8/16	8/26			-S

Space Planted

Population of the Cross 1600 x Delitus, 297A, for growing F₂

297A	Colusa x Delitus	4851	7/30	8/15				
		4852	8/5	8/26				
		4853	8/4	8/26				
		4854	8/4	8/26				
		4855	7/27	8/29				
1206	Delitus Parent	4856	8/20	9/3				
297A	Colusa x Delitus	4857	7/30	8/21				
		4858	8/4	8/21				
		4859	7/31	8/21				
		4860	8/1	8/24				
		4861	8/4	8/23				
		4862	8/1	8/24				
		4863	4/3	8/25				
		4864	7/31	8/26				
		4865	8/1	8/20				
		4866	8/3	8/25				
1600	Colusa Parent	4867	8/1	8/15	8/23	9/6		

F₁ populations grown in Pathology Greenhouse, Fayetteville, Arkansas during winter months in greenhouse.

	yellow	white
Alfalfa #5	12	36
	13	40
	12	39
	14	36
	31	151
	3	
	35	121

generation. Seed obtained from L.L. Davis, Biggs, California.

Bulked-Hybrid Populations

F2 Seed for F3 generation

			Dates				
			Plant Emergence	Panicle Emergence	Ripe		
			1st Plant	Last Plant	1st Plant	Last Plant	
2920A	Improved Blue Rose x Fortuna (Seed from 1931 Bmt. Nursery) Unselected Seed)	4868	8/9		8/30		
		4869	8/13		8/30		
		4870	8/9		8/26		
		4871	8/9		8/25		
		4872	8/11		8/30		
		4873	8/9		8/26		
		4874	8/12		8/30		
		4875	8/5		8/20		
		4876	8/12		8/30		
		4877	8/10		8/27		
		4878	8/6		8/27		
		4879	8/10		8/27		
		4880	8/7		8/26		
		4881	8/10		8/27		
2917A	Blue Rose x Carolina Gold (Seed from L.L. Davis, Biggs, Cal.) Unselected Seed	4891	8/9		8/25		
		4892	8/13		8/30		
		4893	8/10		8/29		
		4894	8/9		8/25		
		4895	8/12		8/30		
		4896	8/11		8/25		
		4897	8/9		8/26		
		4898	8/10		8/30		
		4899	8/10		8/26		
		4900	8/11		8/26		

Natural-Crossing Studies.

				Dates						Days to Maturity from		
				Plant Emergence	Panicle Emergence			Ripe		How	Emergence	Heading
					1st Panicle	100% Headed	Fully Headed	1st Ripe	Fully Ripe			
One foot apart												
1600	Colusa	4901		7/31	8/5	8/13	8/24	9/4		36		
	Asahi Mochi	4902		7/26	7/31	8/8	8/19	8/27	9/14	34		
1600	Colusa	4903		7/29	8/4	8/13	8/24	9/4		39		
Two feet apart												
	Asahi Mochi	4904		7/29	7/31	8/9	8/19	8/27	9/14	30		
1600	Colusa	4905		7/30	8/5	8/14	8/24	9/4		35		
Three feet apart												
	Asahi Mochi	4906		7/29	7/31	8/9	8/19	8/27	9/14	34		
1600	Colusa	4907		8/1	8/5	8/13	8/24	9/4		36		

One foot apart												
C.I. 5205		4908		8/24	8/26	8/30	9/12	9/30		46		
3625	(glutinous)	4909		8/25	8/27	9/7	9/12	10/4	10/7	50		
5205		4910		8/24	8/26	9/2	9/10	9/30		47		
Two feet apart												
3625	(glutinous)	4911		8/24	8/28	9/5	9/12	10/4	10/7	52		
5205		4912		8/25	8/29	9/4	9/12	9/30		48		
Three feet apart												
3625	(glutinous)	4913		8/25		9/6	9/12	10/4	10/7	50		
5205		4914		8/24	8/26	8/30	9/10	9/30		46		

One foot apart												
	Edith (Arkansas 320)	4915		8/8	8/13	8/20	8/30	9/12		38		
5309	5309	4916		8/11	8/14	8/19	8/30	9/12	9/21	46		
	Edith	4917		8/10	8/15	8/20	8/30	9/12		42		
Two feet apart												
5309		4918		8/12	8/15	8/19	8/30	9/13	9/21	47		
	Edith	4919		8/10	8/12	8/20	8/30	9/12	9	42		
Three feet apart												
5309		4920		8/11	8/14	8/19	8/30	9/12	9/21	48		
	Edith	4921		8/8	8/13	8/20	8/30	9/12		43		

Note C.I. 5309 considerably taller than Edith which may hinder natural crossing

Number			Kernels		Total Kern- els	% Not Cross- ing
Plants	Panicle	% Plants Showing Crossing	Glutin- ous	Comm- on		

37	134	37	100	8090	190	8220	1.58
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41	185	39	95.1	13392	160	13552	1.18
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33	155	30	90.9	10575	163	10738	1.54
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1.43

27	84	24	88.9	11296	90	11366	0.79
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2/13 8/9

25	116	23	92.0	17024	142	17166	0.83
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28	149	23	82.1	20664	189	20873	0.91
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.84

24	81	16	66.7	5087	32	5119	0.63
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15	93	12	80.0	6533	41	6574	0.62
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19	101	19	100	7094	56	7150	0.78
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.68

Natural-Crossing Studies (Continued)

Natural-Crossing Studies (Continued)				Dates						Pl. Ht (inches)	Days to Maturity from	
Plant Emergence	Panicle Emergence		Ripe	1st Panicle	100% Headed	Fully Headed	1st	Fully	Emer- gence		Head- ing	
	1st	100% Headed										
5399	Blue Rose	One foot apart	4922	8/31	9/1	9/5	9/21	10/1	50			
		California seed	4923	9/1	9/2	9/6	9/22	10/3	39			
	Blue Rose		4924	8/31	9/1	9/5	9/21	10/1	52			
5399		Two feet apart	4925	8/31	9/2	9/6	9/22	10/3	40			
	Blue Rose		4926	8/31	9/1	9/5	9/21	10/1	52			
		Three feet apart	4927	8/31	9/2	9/6	9/22	10/3	40			
5399	Blue Rose		4928	8/31	9/1	9/5	9/21	10/1	51			
L.S. pot Pl. Ht												
Selections sent to R.H. Wyche from Yanco, N.S. Wales, Australia.												
SR	Tamasari	Soln. 218-1-8-2 (bagged head)	4929	8/11	8/14	8/18	9/1	9/7	S	47		
SR	Tamasari	Soln. 218-7 (bagged head)	4930	8/23	8/25	8/30	9/9	9/20	-S	43		
SR	Selection	2189 (bagged head)	4931	8/12	8/15	8/21	9/3	9/11	S	38		
Fortuna x Red Rice Space-planted												
	Seed from 1931 Nursery		4932	7/27		8/20	8/19					
	Seed from Greenhouse, one generation later than preceding row.		4933	7/30		8/18	8/20					
299A-32	Caloro x Edith		4934	8/3			8/24					
	Carolina Gold		4935	8/18	8/24	8/27	9/2					

28	279	19	67.9	17,346	63	17,490.36
20	209	19	95.0	24,731	84	24,815.0.34
25	336	22	88.0	30,683	88	30,771.0.29
						.33

Panicle Selections made in 1931 planted in Single 6 foot rows.

Cross or Variety	1932 Row No.		Dates				Date Harvested	Plant Ht. (inches)	Leafing %	Leaf Spot	Am. Tiller-ing
			Plant Emerg. 1st	Panicle Emerg. Full	Ripe 1st	Ripe Full					
HR Calorox Lady Wright	5001	M	7/31	8/13	8/22	9/4		42		S	
Disc	5002	G	7/29	8/8	8/18	8/24		35		-S	
Disc	5003	M	8/1	8/11	8/23	9/1		39		S	
HR 31-1	5004	G	7/27	8/7	8/15	8/23		35		S	
	5005	G	7/30	8/9	8/18	8/26		33		S	
	5006	Good G	7/31	8/8	8/17	8/26		33		S	
	5007	G	7/27	8/8	8/17	8/27		35		S	
	5008	M+	7/31	8/11	8/22	9/1		30		S	
	5009	M	7/27	8/2	8/15	8/25		40		nt	
1561-1 Caloro Parent	5010	G	8/4	8/15	9/2	9/19		44		S	
SR 31-2	5011	Good G	7/25	8/4	8/17	8/27		40		S	
HR 31-3	5012	G	7/27	8/6	8/18	8/27		37		S	
	5013	M	7/25	8/4	8/15	8/26		37		S	
SR 31-4	5014	Good G	8/1	8/12	8/25	9/4		40		S	
	5015	Good G	7/29	8/8	8/18	8/28		40		S	
	5016	G	8/3	8/15	8/27	9/5				S	
SR 31-5	5017	Good G	7/25	8/5	8/17	8/27		43		S	
	5018	Good G	8/1	8/10	8/23	8/28		38		S	
HR 31-6	5019	M	7/20	8/11	8/18	8/27		38		-S	
Lady Wright Parent 2	5020	5/20 G	7/31	8/15	8/16	9/5		42		S	
	5021	G	7/29	8/13	8/18	8/30		37		-S	
	5022	G	7/27	8/8	8/18	8/28		37		S	
HR 31-7	5023	G	7/27	8/7	8/22	8/27		36		S	
HR 31-8	5024	Good G	7/29	8/10	8/18	8/27		40		St	
	5025	P	8/1	8/12	8/25	9/4		45		S	
HR 31-9	5026	M	8/1	8/10	8/26	9/1		37		nt	
	5027	G	7/23	8/7	8/18	9/1		40		-S	
	5028	G	7/27	8/8	8/18	8/27		38		-S	
HR 31-10	5029	P	8/4	8/11	8/26	9/1		37		-S	
1561-1 Caloro Parent	5030	P	8/11	8/17	9/2	9/10		40		-S	
	5031	Good G	7/31	8/9	8/26	9/2		43		S	
HR 31-11	5032	M	7/29	8/8	8/22	9/1		37		-S	
	5033	G	7/23	8/1	8/15	8/22		35		-S	
	5034	M	8/1	8/11	8/24	8/29		38		S	
HR 31-12	5035	G	7/24	8/6	8/18	8/26		36		-S	
	5036	G	7/24	8/9	8/18	9/1		34		S	
	5037	G	7/27	8/11	8/23	9/1		36		S	
31-13	5038	G	7/31	8/10	8/22	8/31		38		S	
HR Lady Wright Parent	5039	G	7/29	8/8	8/18	8/27		36		S	
Lady Wright Parent 2	5040	G	8/1	8/16	8/23	9/6		45		S	

Days to
Maturity
from
Emergence
Head
ing

13 panicle 107 35

10

10

11 panicle 95 27

10

8

12

11

6

4

10 all 199 33

10 panicle 99 31

10

11 all 107 34

10

12

11 all 99 33

9

12 panicle 99 28

15

17

12

11

12 panicle 99 29

11

9 panicle 104 31

15

12

7 panicle 104 28

6

9

10 panicle 104 34

9

10

13

16

15

10

10 panicle 102 32

15

	Cross or Variety	1932 Row No.		Plant Emerg ence	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot	Am. Filling
					Heading		Ripe						
					1st	Full	1st	Full					
<u>HR</u>	31-14	5041	G		7/29	8/11	8/28	9/1		36		S	
<u>HR</u>	31-15	5042	M		7/27	8/8	8/29	9/4		40		N+	
		5043	P		7/27	8/7	8/18	8/23		40		S	
<u>HR</u>	31-16	5044	P		7/30	8/12	8/18	8/29		37		S	
		5045	G [±]		7/25	8/8	8/18	8/27		35		S	
		5046	G		7/30	8/11	8/22	9/1		45		-S	
<u>HR</u>	31-17	5047	G		8/3	8/11	8/27	9/1		33		-S	
		5048	M		7/27	8/11	8/19	8/30		39		S	
		5049	M		8/5	8/15	8/29	9/1		35		S	
1561-1	Caloro Parent	5050	M+		8/10	8/17	9/2	9/10		39			
<u>HR</u>	31-18	5051	G		7/25	8/4	8/15	8/18		39		S	
		5052	G		7/27	8/15	8/18	9/3		32		S	
<u>HR</u>	31-19	5053	G		7/27	8/11	8/15	8/31		37		S	
<u>HR</u>	31-20	5054	G		7/29	8/11	8/23	8/31		38		S	
<u>HR</u>	31-21	5055	G		8/4	8/12	8/25	9/2		40		S	
<u>HR</u>	31-22	5056	M		7/29	8/8	8/22	9/1		38		-S	
<u>HR</u>	31-23	5057	M		7/31	8/10	8/23	8/31		38		-S	
		5058	G		7/31	8/10	8/23	8/30		38		S	
<u>SR</u>	31-24	5059	G [±]		7/25	8/5	8/18	8/26		36		S	
	Lady Wright Parent 2	5060	G		8/4	8/18	8/26	9/5		41		S	
		5061	G		7/30	8/8	8/22	8/29		44		-S	
		5062	G		7/25	8/11	8/16	8/30		38		S	
<u>HR</u>	31-25	5063	G		8/4	8/11	8/26	8/31		35		S	
		5064	G		8/1	8/8	8/22	8/28		38		S	
		5065	G		7/29	8/7	8/18	8/27		35		S	
<u>HR</u>	31-26	5066	M		8/1	8/8	8/22	8/28		33		S	
<u>HR</u>	31-27	5067	G		7/27	8/8	8/18	8/27		38		S	
<u>HR</u>	31-28	5068	G		7/29	8/10	8/23	9/6		36		-S	
		5069	G [±]		7/29	8/5	8/19	8/27		36		-S	
1561-1	Caloro Parent	5070	G		8/9	8/17	9/2	9/9		39		S	
		5071	G		7/27	8/7	8/18	8/27		36		-S	
<u>HR</u>	31-29	5072	G		7/30	8/9	8/18	8/27		37		S	
<u>HR</u>	31-30	5073	G		8/4	8/11	8/26	9/5		38		S	
<u>HR</u>	31-31	5074	G		7/27	8/9	8/18	8/26		36		S	
		5075	M		7/27	8/8	8/18	8/27		33		S	
		5076	G [±]		7/25	8/8	8/18	8/26		39		S	
		5077	G		7/30	8/10	8/22	8/27		36		S	
<u>HR</u>	31-32	5078	G		7/27	8/7	8/18	8/26		36		-S	
<u>HR</u>	31-33	5079	G		8/1	8/12	8/26	9/6		44		N+	
	Lady Wright Parent 2	5080	G		8/1	8/8	8/22	9/6		40			

Days to maturity from	
Emergence	Heading

13

12 panicle

11

13

14

12

8

15

10

7

10 panicle

19

15 panicle

13 panicle

8 panicle

10 panicle

10 panicle

10

11 all 9.8 32

14

9

17

7 panicle

7

9

7 panicle

12 panicle

12 panicle

7

8

11

10 panicle

7 panicle

12 panicle

12

14

11

11 panicle

11 panicle

17

	Cross or Variety	1932 Row No.		Plant Emerg- ence	Dates				Date Har- vested	Plant Ht. (inches)	Hodg- ing %	Leaf- Spot	Am. Tiller- ing
					Heading		Ripe						
					1st	Full	1st	Full					
<u>NR</u>	³¹⁻³⁴ Caloro x Lady Wright	5081		G	7/29	8/9	8/22	9/1		36		-S	
<u>NR</u>	³¹⁻³⁵	5082		P	8/5	8/16	8/26	9/1		35		S	
		5083		P	8/1	8/12	8/27	9/1		36		-S	
		5084	poor	M	8/5	8/15	9/1	9/6		39		-S	
		5085		P	8/5	8/15	8/29	9/2		36		S	
<u>NR</u>	³¹⁻³⁶	5086		P	8/2	8/11	8/26	9/3		38		S	
		5087	poor	G	8/1	8/8	8/29	Disc		37		S	
<u>NR</u>	³¹⁻³⁷	5088		M	8/1	8/9	8/23	9/3		40		S	
<u>NR</u>	³¹⁻³⁸	5089		M+	8/5	8/15	8/26	9/3		36		S	
1561-1	Caloro Parent	5090		M	8/9	8/16	9/2	9/10		41		S	
<u>NR</u>	³¹⁻³⁹	5091		G	8/5	8/13	8/29	9/4		35		-S	
		5092	poor	G	8/5	8/19	8/30	9/7		36		S	
<u>NR</u>	³¹⁻⁴⁰	5093		G	8/5	8/14	8/26	9/3		38		S	
<u>NR</u>	³¹⁻⁴¹	5094		G	7/29	8/8	8/18	8/27		34		S	
		5095		G	8/4	8/16	8/27	9/5		34		-S	
		5096		G	8/4	8/17	8/27	9/5		32		-S	
<u>NR</u>	³¹⁻⁴²	5097		P	8/4	8/16	8/26	9/6		34		S	
		5098	poor	P	7/30	8/11	8/18	Disc		37		S	
		5099		G	7/27	8/3	8/15	8/26		37		-S	
	Lady Wright Parent 2	5100		M	8/1	8/17	8/27	9/6		41		-	
		5101		G	7/29	8/8	8/18	8/27		36		S	
		5102		G	7/27	8/9	8/18	8/26		35		S	
<u>NR</u>	³¹⁻⁴³	5103		G	7/27	8/11	8/19	8/27		35		S	
<u>NR</u>	³¹⁻⁴⁴	5104		P	7/30	8/10	8/22	8/26		38		-S	
		5105		M	8/3	8/15	8/26	9/3		31		S	
<u>NR</u>	³¹⁻⁴⁵	5106		M	8/3	8/15	8/26	9/4		35		S	
<u>NR</u>	³¹⁻⁴⁶	5107	1st	G	7/29	8/10	8/18	8/27		36		S	
<u>NR</u>	³¹⁻⁴⁷	5108		G	8/5	8/14	8/27	9/5		34		S	
		5109		M	8/10	8/15	9/3	9/6		45		S	
1561-1	Caloro Parent	5110		M	8/11	8/17	9/2	9/10		39		S	
<u>NR</u>	³¹⁻⁴⁸	5111		G	7/29	8/16	8/18	9/6		31		S+	
		5112		M	8/10	8/16	9/2	9/10		37		S	
		5113		G	7/25	8/5	8/18	8/27		35		S	
		5114		M	7/31	8/11	8/23	8/26		40		S	
		5115		G	8/11	8/17	9/2	9/7		37		S	
<u>NR</u>	³¹⁻⁴⁹	5116		G	7/29	8/10	8/18	9/3		33		S	
		5117		G	8/1	8/11	8/23	9/2		30		S	
		5118		G	7/29	8/9	8/18	8/27		35		S	
		5119		G	8/2	8/17	8/26	9/6		34		-S	
	Lady Wright Parent 2	5120		G	8/3	8/17	8/22	9/6		37		S	

Days to Maturity from	
Emerg	Head- ing

11	
11	
11	
10	
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9	
7	
8	panicle
10	panicle
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15	panicle
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12	panicle
12	panicle
9	panicle
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18	panicle
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12	panicle
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15	
14	

c.t. No.	Variety Name or Cross.	1932 Row No. or Source	1932 Row No.	Stand	Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- spot	Am. Tiller- ing
						Heading		Ripe						
						1st	Full	1st	Full					
<u>NR</u> <u>SR</u>	31-50 Caloro x Lady Wright		5121	M		7/27	8/15	8/15	8/26		41		-S	
			5122	good G		7/29	8/2	8/15	8/26		36		S	
			5123	poor M+		8/1	8/16	8/22	dise		35		-S	
			5124	good G		7/29	8/8	8/18	8/26		36		S	
<u>NR</u>	31-52		5125	M+		8/1	8/11	8/23	9/1		37		S	
			5126	good G		8/1	8/9	8/25	9/3		32		-S	
			5127	good G		7/30	8/5	8/18	8/26		33		-S	
			5128	poor M		8/1	8/12	8/23	dise		35		-S	
			5129	M+		7/31	8/11	8/23	9/1		34		S	
1561-1	Caloro Parent		5130	M		8/11	8/17	9/2	9/10		39		S	
<u>NR</u> <u>HR</u>	31-53		5131	good M		7/27	8/11	8/18	8/30		38		S	
			5132	G		7/29	8/14	8/26	9/6		33		S	
			5133	M		8/3	8/8	8/24	8/30		37		S	
			5134	P		8/8	8/14	8/27	9/6		39		S	
<u>SR</u>	31-54		5135	good G		8/1	8/8	8/19	8/30		36		S	
			5136	M		8/5	8/15	8/27	9/6		39		S	
			5137	dise P		8/3	8/24	8/26	dise		36		S	
			5138	dise M		8/10	8/24		dise		32		S	
			5139	dise M+		8/3	8/15	8/26	9/6		34		M+	
	Lady Wright Parent 2		5140	M		8/4	8/17	8/26	9/6		38		S	
			5141	dise G		7/30	8/14	8/26	dise		38		S	
			5142	good G		7/29	8/8	8/19	8/27		38		S	
			5143	dise G		8/4	8/15	8/26	dise		38		M+	
			5144	G		7/27	8/7	8/15	8/26		38		S	
			5145	G		7/27	8/11	8/15	dise		36		-S	
			5146	good G		7/27	8/8	8/19	8/27		38		S	
			5147	G		7/23	8/5	8/15	8/22		38		S	
<u>NR</u> <u>NR</u>	31-55		5148	G		8/1	8/10	8/23	8/30		34		S	
	31-56		5149	good G		8/8	8/18	9/3	9/12		43		S	
1561-1	Caloro Parent		5150	G		8/10	8/17	9/3	9/10		40			
<u>NR</u> <u>NR</u> <u>NR</u> <u>NR</u> <u>NR</u>	31-57		5151	G		7/31	8/11	8/19	9/4		35		S	
	31-58		5152	G		7/29	8/12	8/22	9/6		35		S	
	31-59		5153	M		8/5	8/19	8/26	dise		37		S	
	31-60		5154	good G		7/31	8/8	8/23	8/30		39		S	
	31-61		5155	G		8/4	8/15	8/26	9/6		39		S	
			5156	good G		7/1	8/10	8/25	dise		40		S	
			5157	G		7/31	8/9	8/22	dise		35		-S	
<u>NR</u>	31-62		5158	M		8/7	8/19	8/30	9/6		36		S	
			5159	M		7/25	8/6	8/19	8/30		36		S	
	Lady Wright Parent 2		5160	M		9/9	8/15	8/26	9/6		41			

Days to Maturity from Emergence / Hatching	
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all 98 30

panicle

panicle

panicle

all 102 29

panicle

panicle

panicle

panicle

panicle

panicle

panicle

panicle

panicle

panicle

panicle

panicle

Cross or Variety

	Cross or Variety			Plant Emerg.		Dates				Date Harvested	Plant Ht. (inches)	Hdq-ing %	Leaf Spot	(Am. Filler-ing)
						Heading 1st	Fall 1st	Ripe 1st	Full					
<u>NR</u>	Caloro x Lady Wright	5161	G			7/30	8/8	8/20	9/3		36		S	
	31-63	5162	G			7/31	8/9	8/22	9/4		34		S	
	31-64	5163	G			7/31	8/11	8/22	9/4		36		S	
	31-65	5164	G			7/30	8/15	8/22	9/6		35		S	
	31-66	5165	good G			7/29	8/6	8/15	8/23		35		-S	
	31-67	5166	G			7/30	8/10	8/18	8/27		33		-S	
	31-68	5167	good G			7/30	8/8	8/19	8/26		37		S	
		5168	G			7/27	8/4	8/15	8/23		34		S	
	31-69	5169	G			8/14	8/19	9/5	9/10		42		-S	
1561-1	Caloro Parent	5170	M			8/9	8/17	9/3	9/10		41		S	
		5171	M+			8/21	8/25	9/6	9/10		44		-S	
<u>SR</u>	31-70	5172	good G			8/10	8/15	9/3	9/7		41		S	
<u>NR</u>	31-71	5173	good G			7/30	8/8	8/26	9/4		38		-S	
		5174	M			8/8	8/17	8/30	9/10		42		S	
<u>NR</u>	31-72	5175	P			8/15	8/24	9/6	9/12		40		S	
		5176	M			8/14	8/24	9/7	9/12		38		S	
		5177	G			7/29	8/17	8/29	9/11		32		S	
<u>NR</u>	31-73	5178	P			8/23	8/26	9/5	9/15		43		S	
		5179	M+			8/18	8/24	9/5	9/13		50		S	
	Lady Wright Parent 2	5180	M+			7/29	8/17	8/18	9/7		41		S	
<u>NR</u>	31-74	5181	M+			7/29	8/10	8/18	8/26		32		S	
		5182	G			8/1	8/17	8/26	9/6		39		S	
		5183	M+			8/3	8/23	8/26			43		S	
		5184	M			8/8	8/17	8/29	9/7		40		S	
<u>SR</u>	31-75	5185	G			8/14	8/18	9/5	9/12		39		S	
		5186	G			8/3	8/17	8/26	9/6		37		S	
<u>NR</u>	31-76	5187	M			8/23	8/28	9/12	9/19		45		S	
<u>SR</u>	31-77	5188	M+			8/15	8/22	9/10	9/18		39		-S	
		5189	P			8/14	9/2				43		S	
1561-1	Caloro Parent	5190	M+			8/11	8/17	9/3	9/10		39		S	
<u>SR</u>	31-78	5191	M			8/14	8/21	9/9	9/19		40		M+	
		5192	M+			8/10	8/17	9/12	9/19		33		S	
<u>NR</u>	31-79	5193	pur M+			7/27	8/23	8/29	9/20		45		S	
		5194	M			8/1	8/19	8/25	9/9		40		S	
		5195	good M+			8/15	8/22	9/7	9/13		40		S	
		5196	M+			8/26	8/30				46		S	
		5197	good G			8/3	8/18	9/4	9/12		41		S	
		5198	G			8/5	8/19	9/6	9/13		40		S	
<u>NR</u>	31-80	5199	G			8/14	8/19	9/7	9/14		43		S	
	Lady Wright Parent 2	5200	M+			8/9	8/18	8/26	9/6		40		S	

Days to Maturity from	
Emerg- ence	Head- ing

9	
9	panicle
11	panicle
16	panicle
7	panicle
11	panicle
9	panicle
8	
5	panicle
8	
4	
5	all 110 28
9	panicle
9	
9	panicle
10	
19	
3	panicle
6	
19	
12	panicle
16	
20	
9	
4	all 115 29
14	
5	panicle
7	all 121 34
19	
6	
7	all 122 36
7	
27	panicle
18	
7	
4	
5	
13	
4	panicle
11	

	Cross or Variety	1932 Row No		Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing 70	Leaf Spot	Ann. Tiller- ing
				Plant Emerg.	Heading 1st	Full	Ripe 1st	Full				
	Caloro x Lady Wright	5201	G		8/16	8/26	9/6		38		S	
<u>HR</u>	31-81	5202	M+		8/15	8/22	9/6	9/13	43		-S	
		5203	good G		8/17	8/24	9/6	9/13	46		S	
<u>HR</u>	31-82	5204	good G		7/31	8/13	8/22	9/4	41		S	
		5205	G		8/11	8/15	9/4	9/11	45		S	
		5206	G		8/5	8/15	8/29	9/12	38		M+	
		5207	M+		8/24	8/29	9/12		44		M+	
<u>SR</u>	31-83	5208	very good G		7/29	8/5	8/19	8/26	36		S	
		5209	G		8/1	8/12	8/22	disc	40		S	
1561-1	Caloro Parent	5210	G		8/9	8/15	9/3	9/12	42		S	
<u>SR</u>	31-84	5211	G		8/14	8/18	9/4	9/12	40		-S	
<u>HR</u>	31-85	5212	G		8/14	8/17	9/5	9/13	44		S	
		5213	good G		8/17	8/23	9/7	9/14	46		M+	
		5214	M+		8/1	8/18	8/22	9/10	49		-S	
<u>SR</u>	31-86	5215	M+		7/30	8/16	8/16	9/13	44		-S	
<u>SR</u>	31-87	5216	M+		8/14	8/19	9/6	9/12	45		S	
<u>HR</u>	31-88	5217	M+		8/10	8/17	9/5	9/13	45		-S	
<u>HR</u>	31-89	5218	P		8/15	8/21			46		-S	
		5219	G		8/1	8/17	9/2	9/7	41		S	
	Lady Wright Parent	2	5220	G	8/1	8/16	8/20	9/6	40		S	
		5221	G		7/29	8/1	8/19	9/14	44		S	
<u>HR</u>	31-90	5222	M+		7/27	8/7	8/19	8/26	36		S	
<u>HR</u>	31-91	5223	M+		7/25	8/25	9/8		44		S	
		5224	M		8/8	8/16	8/29	9/7	38		S	
		5225	G		8/5	8/13	8/27	9/6	43		-S	
		5226	Mixed P		8/5	8/31	7/5	9/4	46		S	
		5227	M		7/31	8/14	7/23	7/4	42		S	
<u>SR</u>	31-92	5228	good G		8/1	8/10	8/23	8/30	42		S	
		5229	good G		8/11	8/18	9/6	9/14	46		S	
1561-1	Caloro Parent	5230	G		8/8	8/15	8/30	9/7	43		S	
		5231	good G		8/10	8/16	8/29	9/6	43		S	
<u>SR</u>	31-93	5232	good G		7/29	8/5	8/22	8/29	38		S	
<u>SR</u>	31-94	5233	G		8/1	8/22	8/30	9/13	46		S	
		5234	G		8/11	8/18	9/5	9/12	43		S	
		5235	M		8/4	8/21	8/30	9/13	44		S	
		5236	G		8/4	8/16	8/26	9/11	42		-S	
		5237	M		8/9	8/19	8/31	9/12	41		S	
		5238	G		7/30	8/19	8/26	disc	31		S	
		5239	G		7/26	8/15	8/15	9/11	37		S	
	Lady Wright Parent	2	5240	G	7/3	8/10	8/25	9/9	37		S	

Days to
maturity
from
Emerg / Head
ence / ing

panicle

6 panicle

7 all 98 28

all 115 29
panicle

17 all 116 46
all 115 29

7 panicle
6 panicle

mixed
11 panicle
31 panicle

9 all 102 29

7 all 100 30
all 116 43
all 116 40

	Cross or Variety	1932 Row No.	Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf Spot	Am. Tiller ing
				Heading		Ripening						
				1st	Full	1st	Full					
	Caloro x Lady Wright	5241	G	7/29	8/22	8/23	9/10		43		S	
		5242	M	8/15	8/23	9/7			36		-S	
		5243	M+	8/19	8/29	9/7			37		-S	
	Colusa x Lady Wright	5244	G	7/27	8/5	8/19	8/24	8/31	43		-S	
		5245	G	7/29	8/9	8/19	8/25	8/31	37		S	
		5246	M	7/25	8/1	8/17	8/23	8/31	38		S	
SR	31-95	5247	M+	7/25	8/1	8/15	8/19	8/31	36		-S	
		5248	G	7/21	8/4	8/11	8/19		32		S	
HR	31-86	5249	G	7/22	8/5	8/11	8/20		33		S	
1600	Colusa Parent	5250	G	7/25	8/9	8/19	8/28		35		S	
HR	31-97	5251	G	7/27	8/6	8/17	8/28		31		S	
		5252	G	7/21	7/29	8/9	8/16		34		S	
		5253	G	7/29	8/6	8/19	8/27		36		S	
H.R.	31-98	5254	G	7/31	8/8	8/20	8/23		40		S	
S.R.	31-99	5255	P	7/23	7/31	8/13	8/20		39		S	
		5256	mixed G	8/1	8/16	8/26	8/31	disc	34		S	
		5257	M	7/27	8/2	8/18	8/23		36		S	
		5258	good G	7/25	8/5	8/19	8/26		37		S	
		5259	good G	7/27	8/4	8/19	8/24		39		S	
	Lady Wright Parent	2 5260	G	8/4	8/17	8/23	9/1		42		S	
NR	31-900	5261	G	7/23	7/29	8/15	8/20		36		S	
		5262	G	7/23	8/1	8/15	8/19		37		S	
		5263	G	7/30	8/8	8/19	8/27		39		S	
		5264	G	7/27	8/5	8/16	8/23		39		S	
		5265	G	7/31	8/9	8/20	8/27		40		S	
		5266	G	7/24	8/3	8/2	8/27		39		S	
NR	31-101	5267	G	7/27	8/4	8/25	8/26		45		S	
		5268	M	7/21	8/1	8/14	8/20		36		S	
		5269	M+	7/29	8/8	8/19	8/28		38		S	
1600	Colusa Parent	5270		7/27	8/9	8/19	8/27		38		S	
NR	31-102	5271	G	7/31	8/11	8/23	8/29		35		S	
		5272	G	7/27	8/6	8/17	8/23		41		S	
		5273	poor M+	7/19	7/27	8/16	8/23	disc	33		S	
		5274	G	7/29	8/8	8/23	8/27		38		S	
		5275	G	7/29	8/7	8/23	8/26		35		S	
NR	31-103	5276	M+	7/25	8/5	8/16	8/24		34		-S	
		5277	G	7/31	8/8	8/22	8/27		40		S	
		5278	M	7/19	7/27	8/6	8/15		33		S	
		5279	G	7/20	7/26	8/8	8/16		36		-S	
	Lady Wright Parent	2 5280	G	8/1	8/5	8/22	9/5		43		S	

Days to maturity from	
Emergence	Heading

24

8

10

9

11

7

7 all 91 25

14

14 panicle

15

10 panicle

8

8

8 panicle

8 all 92 28"

15

6

11

8

13

6 panicle

9

9

9

9

9

22

8

11 panicle

10

13

11 panicle

10

8

10

9

11

8

8

6

14

	Cross or Variety	1932 Row No.		Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	Hdg- ing %	Leaf- Spot	Am. Tiller- ing
					Heading		Ripe						
					1st	Full	1st	Full					
	Colusa x Lady Wright	5281	G		7/20	7/27	8/9	8/19		37		-S	
		5282	G		7/25	8/5	8/19	8/26		43		S	
		5283	G		7/25	8/2	8/15	8/19		37		S	
<u>NR</u>	31-104	5284	G		7/21	8/5	8/15	8/23		37		S	
<u>NR</u>	31-105	5285	good G		7/25	8/4	8/15	8/19		41		S	
		5286	G		8/2	8/11	8/22	8/27	disc	39		-S	
		5287	G		8/3	8/12	8/25	8/31		38		S	
		5288	G		7/27	8/2	8/19	8/24		39		S	
<u>NR</u>	31-106	5289	G		8/1	8/8	8/20	8/26		42		S	
1600	Colusa Parent	5290	G		7/27	8/8	8/22	8/27		40		S	
<u>NR</u>	31-107	5291	good G		7/27	8/5	8/15	8/23		39		wt	
		5292	good G		7/18	7/30	8/11	8/31		40		-S	
		5293	G		7/30	8/7	8/19	8/27		32		S	
<u>NR</u>	31-108	5294	G		7/19	7/27	8/5	8/26		32		S	
		5295	G		7/17	8/4	8/5	8/26		40		S	
		5296	M		7/27	8/6	8/18	8/26		41		S	
<u>NR</u>	31-109	5297	G		7/30	8/8	8/25	8/31		38		S	
<u>NR</u>	31-110	5298	G		7/25	8/2	8/14	8/26		30		S	
<u>NR</u>	31-111	5299	M+		7/28	8/7	8/24	8/30		34		S	
	Lady Wright Parent 2	5300	M		8/7	8/18	8/27	9/6		45		S	
		5301	M+		8/7	8/16	8/27	9/7		35		S	
		5302	G		8/3	8/15	8/26	9/7		37		S	
		5303	M		7/29	8/7	8/23	8/31		32		S	
		5304	M		7/30	8/15	8/23	9/8	disc	33		S	
		5305	M+		7/29	8/10	8/19	8/27		33		S	
		5306	M+		7/26	8/6	8/18	8/26		36		S	
		5307	G		8/3	8/6	8/23	8/30		34		S	
		5308	M		8/1	8/6	8/22	8/31		37		S	
<u>NR</u>	31-112	5309	good M+		7/25	8/4	8/15	8/31		35		S	
1600	Colusa Parent	5310	G		7/27	8/11	8/19	8/30		38		S	
		5311	good M+		7/20	7/30	8/8	8/20		35		S	
		5312	good M+		7/30	8/10	8/20	8/27	disc	38		S	
		5313	good G		7/25	8/8	8/19	8/26		37		S	
		5314	G		8/3	8/14	8/23	8/31		37		S	
		5315	G		7/22	8/1	8/11	8/26		40		S	
		5316	good M+		7/20	8/2	8/10	8/26		35		S	
		5317	M+		8/4	8/13	8/24	8/31		35		S	
		5318	M+		7/27	8/6	8/23	9/1		32		S	
		5319	good G		8/4	8/15	8/26	8/31	disc	40		S	
	Lady Wright Parent 2	5320	M		8/3	8/6	8/23	9/7		38		S	

Days to
Maturity
from
Emerg/Head-
ence/ing

7
11
8
15 panicle
0 panicle
9
9
6.1
7 panicle
12
9 panicle
12
8
8 panicle
18
10
9 panicle
8 panicle
10 panicle
11
9
12
9
16
12
11
12
15
12 panicle
15
10
11
14
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13
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11
12

Cross or Variety	1932 Row No.		Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	Yield- ing %	Leaf- Spot	Am. Tiller- ing
				Heading		Ripe						
				1st	Full	1st	Full					
Colusa x Lady Wright 31113	5321	G	7/3	8/15	8/26	9/7	disc 39			S		
	5322	poor M	7/25	8/5	8/15	8/23		33		S		
	5323	poor M	7/27	8/7	8/19	8/27		38		S		
	5324	G	7/31	8/8	8/25	9/1		33		S		
	5325	poor M+	7/20	7/28	8/5	8/20		34		-S		
	5326	poor G	8/4	8/16	8/28	9/7	disc 32			-S		
	5327	G	7/29	8/9	8/19	8/31		35		st		
	5328	P	7/21	8/1	8/11	8/20		37		S		
	5329	poor M	8/11	8/23	8/27	disc		41		S		
	Colusa Parent 31114	5330	M	7/25	8/10	8/15	8/31		38		S	
5331		poor M	8/5	8/16	8/31		disc 30			S		
5332		poor M	7/27	8/9	8/19	8/30		39		nt		
5333		poor M+	7/20	8/7	8/11	8/28		35		-S		
5334		G	8/5	8/12	8/24	8/31		40		S		
5335		poor G	7/20	7/30	8/10	8/20		32		S		
5336		G	8/3	8/16	8/26	8/30		34		S		
5337		G	7/30	8/11	8/24	8/31		41		nt		
5338		G	8/4	8/12	8/26		disc 35			S		
5339		M	8/5	8/16			disc 35			S		
Lady Wright Parent 2 31115	5340	M+	8/4	8/18	8/24	9/6		39		S		
	5341	very poor G	8/1	8/26	8/23		disc 35			S		
	5342	M+	8/4	8/12	8/26	9/6		40		S		
	5343	G	7/31	8/11	8/24	8/31		38		S		
	5344	G	8/5	8/15	8/26	9/7		38		S		
	5345	M	8/5	8/15	8/26	9/3		37		S		
	5346	M+	8/4	8/11	8/26	9/2		37		S		
	5347	poor G	7/25	8/10	8/19		disc 35			S		
	5348	G	7/23	8/13	8/19	9/1		41		S		
	5349	M	8/1	8/10	8/23	8/31		40		nt		
Colusa Parent 31116	5350	G	7/29	8/10	8/22	8/31		41		S		
	5351	M+	7/29	8/8	8/22	8/31		34		S-		
	5352	G	7/21	8/7	8/15	8/27		36		S		
	5353	G	7/25	8/1	8/16		disc 36			-S		
	5354	P	7/30	8/3	8/23	8/31		46	note str	S		
	5355	M	8/1	8/11	8/24		disc 36			-S		
	5356	G	7/29	8/12	8/19	8/31		38		S		
	5357	G	8/1	8/11	8/23	9/1	disc 36			-S		
	5358	G	7/29	8/12	8/23	8/31		43		S		
	5359	G	7/31	8/6	8/20	8/26		37		S		
Lady Wright Parent 2 31117 31118	5360	G	8/5	8/16	8/25	9/6		44		S		

Days to
maturity
from
Emergence | Heading

12

11

11

8 panicle

8

12

11

11

19

16

11

13 panicle

18

7

10

13

10

8

11

14

25

8

11

10

10

7

16

21

9 all 103 30

12

10

17 panicle

17

4

10

14

10

14 panicle

7 panicle

11

fur stools, till,

	Cross or Variety	1932 Row No.		Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf- Spot	Am. Tiller- ing
					Heading		Ripe						
					1st	Full	1st	Full					
	Colusa x Lady Wright	2	5361	G	7/29	8/11	8/26	8/31		39		-S	
			5362	G	8/1	8/16	8/23	9/6		36		S	
			5363	G	7/25	8/14	8/15	9/6		42		wt	
SR	3/11/9		5364	M	7/29	8/10	8/26	8/31		39		S	
NR	3/1/20		5365	G	8/4	8/12	8/24	9/1		40		S	
			5366	good M	7/29	8/11	8/23	9/1	disc	37		-S	
			5367	M+	7/30	8/8	8/23	9/2		39		S	
NR	3/1-12/1		5368	M+	7/29	8/9	8/19	9/1		38		S	
			5369	G	7/27	8/11	8/22	9/7		38		S	
1600	Colusa Parent		5370	G	7/27	8/8	8/22	8/31		38		S	
NR	3/1-12/2		5371	G	8/3	8/11	8/23	9/3		37		S	
SR	3/1-12/3		5372	M+	7/30	8/8	8/23	9/3		44		S	
NR	3/1/24		5373	G	7/31	8/10	8/23	9/3		40		S	
NR	3/1/25		5374	M	8/7	8/19	8/26	9/7		36		S	
			5375	G	7/31	8/9	8/22	9/3		41		S	
			5376	M	7/27	8/12	8/19		disc	37		S	
			5377	G	7/25	8/7	8/19	8/31		39		S	
			5378	M	8/5	8/19	8/31		disc	41		S	
			5379	G	8/1	8/16	8/26	9/7		37		S	
	Lady Wright Parent	2	5380	G	8/3	8/18	8/22	9/7		41		S	
			5381	G	8/1	8/18	8/29	9/6		43		S	
			5382	M	8/4	8/12	8/30	9/6		40		wt	
NR	3/1-12/6		5383	good M+	7/28	8/7	8/19	8/27		40		-S	
			5384	M+	7/29	8/15	8/23	8/31		35		-S	
			5385	G	8/1	8/12	8/23	9/3		42		S	
NR	3/1/27		5386	G	7/29	8/8	8/22	8/28		39		S	
			5387	G	8/4	8/16	8/26	9/6		42		S	
SR	3/1/28		5388	G	7/29	8/8	8/22	9/9		39		S	
NR	3/1/29		5389	G	7/29	8/1	8/9	8/31		35		S	
1600	Colusa Parent		5390	G	7/28	8/8	8/20	8/31		40		S	
SR	3/1/30		5391	G	7/29	8/5	8/23	8/31		47		wt	
NR	3/1/31		5392	medium G	8/5	8/16	8/30	9/6		36		S	
NR	3/1/32		5393	G	7/31	8/11	8/26	9/3		36		wt	
			5394	G	7/30	8/12	8/19	8/30		44		S	
NR	3/1/33		5395	M+	7/30	8/7	8/19	8/31		40		S	
			5396	G	7/27	8/7	8/19	8/31		39		-S	
			5397	good G	8/1	8/18	8/20	8/30		34		-S	
			5398	G	7/29	8/9	8/20	9/1	disc	25		S	
			5399	G	8/1	8/16	8/26	9/4		41		S	
	Lady Wright Parent	2	5400	G	8/4	8/18	8/26	9/6		39		S	

	Days to Maturity from	Emerg- ence	Head- ing
13			
15			
20			
12 all.	103	33	
8 panicle			
13			
9			
11 panicle			
15			
12			
8			
9 all.	106	35	
10 panicle			
12 panicle			
9			
16			
13			
14			
15			
15			
17			
8			
10 panicle			
17			
11			
10 panicle			
12			
10 all	112	42	
9 panicle			
11			
7 all	103	33	
11 panicle			
11 panicle			
13			
8 all	103	32	
11			
7			
11			
15			
14			

	Cross or Variety	1932 Row No.		Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	Hedg- ing %	Leaf Spot	Am. Tillering
					Heading		Ripe						
					1st	Full	1st	Full					
	Colusa x Lady Wright	5401		G	8/5	8/15	8/30	9/3		36		-S-	
		5402		G	8/5	8/14	8/26	9/3		39		S	
		5403		M+	7/29	8/16	8/30		disc	37		S	
		5404		M	8/4	8/16	8/26	9/6		39		S	
NR	3/1/34	5405		M+	8/5	8/16	8/27	9/7		31		-S	
NR	3/1/35	5406	good	G	7/23	7/29	8/12	8/19		32		S	
NR	3/1/36	5407	good	G	7/23	8/1	8/12	8/20		30		S	
		5408		G	8/4	8/19	9/1	9/7		35		S	
		5409		M	7/29	8/9	8/22	8/31		40		-S	
1600	Colusa Parent	5410		G	7/29	8/10	8/22	8/30		37		S	
NR	3/1/37	5411		G	7/30	8/15	8/23	9/3		37		M+	
		5412		G	7/29	8/9	8/23	8/31		35		S	
NR	3/1/38	5413		G	8/1	8/15	8/23	8/31		35		S	
		5414		M+	8/8	8/19	8/26	9/3		40		S	
		5415		G	7/29	8/15	8/24	9/3		37		S	
		5416		G	7/30	8/3	8/23	9/2		34		S	
		5417		G	8/1	8/12	8/26	9/2		34		S	
		5418		G	8/4	8/12	8/24	9/2		42		S	
NR	3/1/39	5419	good	G	8/1	8/11	8/24	9/2		34		S	
	Lady Wright Parent 2	5420		M+	8/7	8/16	8/14	9/7		40		S	
		5421		M+	7/25	8/23	8/14	9/7		40		S	
NR	3/1/40	5422		M+	8/4	8/13	8/25	8/31		40		S	
SR	3/1/41	5423	good	G	8/22	8/26	9/12	9/17		40		-S	
		5424	good	M	8/25	8/28				43		S	
		5425		M+	8/1	8/15	8/22	9/7		48		S	
		5426	good	G	8/17	8/23	9/7	9/13		47		-S	
		5427	good	M+	8/22	8/27	9/13			51		S	
		5428	good	G	7/29	8/9	8/24	9/1		40		M+	
		5429		M	7/28	8/22	8/23	9/13		47		S	
1600	Colusa Parent	5430		M	7/27	8/13	8/15	9/1		45		S-	
NR	3/1/42	5431		M+	8/5	8/14	8/25	9/2		39		ST	
		5432	good	M	8/2	8/15	8/26	9/7		39		S	
		5433		G	8/1	8/14	9/24	9/6		48		-S	
		5434		G	8/23	8/26	9/10			44		S	
		5435		M	7/25	8/26	9/5			45		-S	
		5436		M+	8/1	8/23	9/6			43		S	
SR	3/1/43	5437	good	G	8/17	8/23	9/6	9/13	disc	38		S	
NR	3/1/44	5438		M	8/1		8/23	9/24		42		S	
		5439		M+	7/31	8/14	8/24			37		-S	
	Lady Wright Parent 2	5440		G	8/4	8/15	8/23	9/6		40		S	

Days to
maturity
from
Emerg
ence

Head-
ing

10

9

18

12

11 panicle

6 panicle

9 panicle

15

11

12

16 panicle

11

14 panicle

11

17

14

11

8

10

9

29

9 panicle

4 all 120 26

3

14

6

5

11

25

17

9 panicle

13

13 panicle

3

32

22

6 all 116 27

panicle

14

11

	Cross or Variety	1932 Row No.		Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	Leaf lodg- ing %	Leaf- Spot	Km. Tiller long
					Heading		Ripe						
					1st	Full	1st	Full					
	Colusa x Lady Wright	5441		G	8/11	8/23	8/31			40		S	
		5442		G	8/5	8/31	9/6			44		S	
		5443	good	G	8/21	8/30	9/13			40		S	
		5444		M+	8/5	8/18	8/27	9/12		42		-S	
		5445		M+	8/7	8/17	8/26	9/11		44		S	
		5446		M	8/10	9/5				45		S	
		5447	good	G	8/14	8/18	8/26	9/13		43		S	
		5448		G	8/5	8/18	8/24	9/10		43		S	
		5449	un- even again	G	7/29	8/1	8/23			42		S	
1600	Colusa Parent	5450		G	7/29	8/11	8/22	8/31		43		S	
NR	31146	5451		M+	8/19	8/27	9/12	9/21		49		S	
		5452		G	7/25	8/8	8/23			43		S	
		5453		G	8/1	8/19	8/24			37		S	
		5454		M+	8/1	8/19	8/31	disc		38		S	
		5455		G	7/31	8/16	8/22	9/3		37		S	
		5456		G	7/25	8/18	8/5			46		S	
		5457		G	8/5	8/14	8/26	9/3		38		S	
		5458		M	8/22	8/29	9/13			40		S	
SR	31147	5459		G	7/29	8/7	8/19	9/3		33		S	
	Lady Wright Parent 2	5460		G	8/7	8/17	8/26	9/6		40		S	
SR	31148	5461	good	G	8/17	8/23	9/6	9/14		40		S	
		5462		M+	8/1	8/26	8/24			44		S	
HR	31149	5463	good	G	8/1	8/15	8/23	9/6		36		S	
Carolina Flint Selections made from a plot of this variety grown on Station in 1931.													
SR	Carolina Flint Sel.	5464		M	7/25	8/1	8/8	8/16	8/23	37	10	M	M
	31150	5465		G	7/21	7/30	8/8	8/15		33	0	M	Full
	"	5466		M+	7/25	8/2	8/9	8/19		35	0	M-r	full
	"	5467		M+	7/28	8/5	8/11	8/24		39	tr	M-S	M
	"	5468		M	7/27	8/5	8/11	8/24		37	tr	M-S	M
	"	5469		M	7/27	8/5	8/17	8/23		38	0	M-r	M
	Early Prolific Check 3	5470		M	8/5	8/16	8/26			43	0	S	M
	Carolina Flint Sel.	5471	good	G	7/25	8/2	8/9	8/15		35	0	S	
	"	5472	good	G	7/25	8/2	8/9	8/15		34	0	M-S	
	"	5473		M+	7/29	8/4	8/11	8/20		39	tr	M-S	
	"	5474		M+	7/25	8/3	8/9	8/19		38	tr	M-r	
	"	5475		M+	7/25	8/3	8/9	8/20		35	0	M-r	
	"	5476	good	G	7/25	8/4	8/9	8/16		36	0	M	
	"	5477		G	7/25	8/4	8/9	8/16		37	0	M	
	"	5478		F	7/31	8/8	8/15	8/24		40	tr	M-r	
	"	5479		M+	7/25	8/4	8/15	8/24		39	tr	M	
	Early Prolific Check 3	5480		M+	8/6	8/19	8/26			41	0	M-r	

Days to Maturity from	
Emergence	Heading

panicle

9 all 106 36

all 117 28

panicle

Original seed from Capt. A.H. Boyt, Am. Rice Growers Assn office, Bmt, Tex.

7
9 all medium grain length

8
9
9 all, medium to long grain length

11
8
8 all, med. grain length

7
7
8 all, med. grain length

8
8
10

Cross or Variety	1932 Row No.	Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Leaf Spot	Am. Tiller- ing
			Heading		Ripe						
			1st	Full	1st	Full					
Carolina Flint Sel.	5481	M	7/24	8/1	8/9	8/19	8/23	37	0	m	
	5482	M	7/25	8/4	8/9	8/19	8/24	35	0	m	
	5483	G	7/30	8/9	8/14	8/27		37	tr	m-s	many
	5484	M	7/27	8/9	8/14	8/24		35	tr	m-s	
	5485	M	7/27	8/10	8/12	8/27		37	tr	m-s	many
	5486	good M	7/25	8/5	8/11	8/19		38	0	m	few
	5487	M	7/29	8/7	8/14			38	tr	m-r	
	5488	M+	7/25	8/4	8/9	8/19		37	0	m	
	5489	M	7/28	8/6	8/14	8/26		38	tr	m-r	
Early Prolific Check	5490	M	8/7	8/18	8/26			44	0	m	
	5491	M	7/29	8/6	8/14	8/19		35	0	m-r	
	5492	M+	7/30	8/7	8/14	8/26		38	tr	m-s	many
	5493	M+	7/25	8/4	8/9	8/19		39	0	m-r	
	5494	M+	7/25	8/4	8/9	8/19		37	0	"	
	5495	M+	7/25	8/4	8/9	8/19		34	tr	"	
	5496	G	7/23	8/4	8/9	8/19		36	0	"	
	5497	G	7/27	8/7	8/11	8/24		37	tr	m-s	many
	5498	G	7/27	8/7	8/12	8/22		37	"	"	"
5499	G	7/23	8/4	8/9	8/19		39	0	m-r		
Early Prolific Check	5500	M+	8/5	8/18	8/26			45	0	m	
	5501	M	7/25	8/5	8/10	8/19		35	0	m-r	
	5502	good G	7/25	8/5	8/9	8/19		38	0	m-r	
	5503	M+	7/27	8/5	8/11	8/19		39	0	m-r	
	5504	M+	7/27	8/5	8/11	8/20		38	0	"	
	5505	1 plant	8/3	8/7	8/15	8/23		38	0	m	
	5506	M+	7/27	8/6	8/14	8/19		38	tr	m	
	5507	G	7/25	8/5	8/10	8/19		37	0	m-r	
	5508	G	7/29	8/8	8/12	8/23		41	tr	m-s	many
5509	M+	7/27	8/5	8/9	8/19		39	0	m-r		
Early Prolific Check	5510	G	8/6	8/15	8/26			41	0	m	
	5511	G	7/27	8/8	8/12	8/23	8/24	37	tr	m	many
	5512	M	7/25	8/5	8/10	8/21	8/25	37	0	m-r	
	5513	M+	7/23	8/6	8/9	8/19	8/25	34	0	m	
	5514	M+	7/23	8/5	8/8	8/15		38	0	m	
	5515	G	7/24	8/5	8/9	8/16		34	0	m-r	
	5516	G	7/25	8/5	8/10	8/19		33	0	m-r	
	5517	G	7/21	8/5	8/8	8/19		37	0	m-s	
	5518	M+	7/25	8/5	8/9	8/19		38	0	m	
	5519	M	7/27	8/7	8/12	8/20		37	0	m-r	
Early Prolific Check	5520	G	8/5	8/10	8/27			41	0	m	

Days to	
Maturity	
from	
Emerg-	Head-
ence	ing

all, medium grain length

all medium grain length

all medium grain length
all long grain

all

Cross or Variety	1932 Row No	Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	Hedg- ing %	Leaf Spot	Am. Tiller- ing
			Heading		Ripe						
			1st	Full	1st	Full					
Carolina Flint Sel.	5521	G	7/29	8/9	8/15	8/24		34	tr	m-s	many
	5522	M	7/30	8/8	8/15	8/23		41	o	m-r	
	5523	M+	7/25	8/5	8/10	8/19		36	o	m-r	
	5524	M+	7/25	8/5	8/10	8/19		35	o	m	
	5525	G	7/29	8/8	8/16	8/24		39	tr	m-s	many
	5526	M+	7/25	8/5	8/11	8/19		36	o	m	
	5527	M	7/27	8/6	8/11	8/20		39	o	m	
	5528	good G	7/20	8/6	8/15	8/18		38	o	m	
	5529	P	7/30	8/8	8/16	8/24		43	o	m-s	
Early Prolific Check	5530	M	8/9	8/18				41	o	M	
	5531	good M+	7/23	8/5	8/9	8/19		36	o	m-r	
	5532	M	7/23	8/5	8/10	8/19		35	o	m-r	
	5533	M	7/27	8/5	8/14	8/19		34	o	m	
	5534	G	7/27	8/8	8/11	8/24		36	tr	m-s	many
	5535	G	7/27	8/6	8/11	8/19		34	o	m	
	5536	G	7/27	8/7	8/15	8/24		39	tr	m-s	
	5537	M+	7/28	8/8	8/12	8/25		40	tr	m	
	5538	P	7/25	8/8	8/11	8/19		38	o	m	
Early Prolific Check	5539	M	7/23	8/4	8/11	8/19		35	o	m-s	
	5540	M	8/7	8/18	8/27			41	o	m-s	
	5541	P	7/25	8/6	8/11	8/22		38	o	m-r	
	5542	M	7/25	8/5	8/11	8/24		36	o	m-r	
	5543	M	7/30	8/9	8/15	8/23		38	tr	M	
	5544	G	7/25	8/5	8/10	8/19		40	o	M	
	5545	G	7/21	8/4	8/5	8/18		38	o	m	
	5546	M	7/25	8/4	8/11	8/19		37	o	m-r	
	5547	G	7/25	8/5	8/9	8/19		38	o	m-r	
Early Prolific Check	5548	M+	7/25	8/5	8/11	8/19		35	o	M	
	5549	G	7/29	8/8	8/15	8/24		35	tr	m-s	
	5550	M	8/5	8/18	8/26			42	o	m-s	
	5551	P	8/3	8/11	8/18	8/30		39	tr	m-r	
	5552	M	7/25	8/1	8/9	8/19		35	o	m	
	5553	M	7/22	8/3	8/8	8/15		38	o	m	
	5554	M	7/23	8/4	8/8	8/16		35	o	m-r	
	5555	M	7/25	8/4	8/10	8/18	8/25	39	o	m	
	5556	good G	7/25	8/4	8/11	8/15		39	o	m	
Early Prolific Check	5557	M	7/22	8/3	8/11	8/19		37	o	m	
	5558	M+	7/27	8/11	8/14	8/27		37	tr	m-s	many
	5559	G	7/25	8/5	8/9	8/20		34	o	m	
	5560	M	8/4	8/19	8/25			43	o	m-s	

SR 3/15/

Days to
Maturity
from
Emerg-
ence / Head-
ing

all, med grain

all, med. grain

Cross or Variety	1932 Row No.		Plant Emerg.	Dates				Date Harv- ested	Plant Ht. (inches)	lodging %	leaf Spot	Arm. Tillering
				Heading		Ripe						
				1st	Full	1st	Full					
Carolina Flint Sel.	5561		M	7/25	8/5	8/11	8/24		37	0	m	
	5562	good	Q	7/25	8/5	8/9	8/16		37	0	AM	
	5563	good	Q	7/27	8/5	8/11	8/19		38	0	"	
	5564		Q	7/27	8/5	8/11	8/19		37	0	"	
	5565		Q	7/25	8/4	8/9	8/19		34	0	"	
	5566		M	8/1	8/11	8/15	8/25		41	0	"	
	5567		Q	7/25	8/4	8/9	8/16		37	tr	m-r	
	5568		M+	7/30	8/8	8/15	8/27		38	10	m	
	5569		M	7/29	8/12	8/16	8/28	8/25	38	tr	m	
Early Prolific Check	5570		M	8/4	8/18	8/27			41	0	m	
	5571	poor	P	8/3	8/14	8/20	8/27		42	0	m	
	5572		M	7/27	8/9	8/15	8/24		38	0	m-r	
	5573		M	7/29	8/9	8/15	8/25		40	tr	m	
	5574		M	7/28	8/9	8/14	8/24		37	tr	m	
	5575		M+	7/25	8/5	8/9	8/19		38	0	m	
	5576		M	7/22	8/5	8/5	8/19		38	0	m-r	
	5577		M+	7/25	8/5	8/9	8/19		40	0	m	
	5578		M+	7/25	8/5	8/9	8/15		38	0	m	
	5579		Q	7/27	8/5	8/11	8/19		34	0	m	
Early Prolific Check	5580		Q	8/4	8/16	8/26			44	0	m-r	
	5581		M+	7/25	8/4	8/13	8/19		39	0	m-r	
	5582		Q	7/28	8/8	8/15	8/24		38	tr	m-s	Many
	5583		Q	7/29	8/8	8/15	8/23		38	tr	m-s	"
	5584		Q	7/28	8/7	8/15	8/24		38	tr	m-s	"
	5585		Q	7/25	8/1	8/9	8/16		34	0	m	
	5586		Q	7/25	8/1	8/9	8/18		35	0	m	
	5587		Q	7/25	8/1	8/9	8/15		34	0	m	
	5588		Q	7/25	8/1	8/10	8/19		32	0	m	
	5589		Q	7/28	8/7	8/14	8/24		39	0	m-s	Many
Early Prolific Check	5590		Q	8/5	8/16	8/26			42	0	m-s	
	5591		M+	7/25	8/1	8/9	8/16		40	0	m	
	5592		Q	7/25	8/2	8/9	8/19		35	tr	m	
	5593		Q	7/23	8/1	8/8	8/19		37	0	m	
	5594	good	Q	7/28	8/1	8/8	8/15		37	0	m	
	5595		Q	7/25	8/5	8/9	8/24		35	0	m	
	5596		P	7/30	8/14	8/15	8/25		36	tr	m-r	
	5597		M+	7/25	8/5	8/9	8/16		39	0	m	
	5598		M+	7/20	7/30	8/4	8/17		37	0	m	
	5599	good	Q	7/25	8/5	8/9	8/16		37	0	m	
Early Prolific Check	5600		M	8/5	8/18				40	0	m-r	

LR 31152

LR 31153

Days to	
Maturity	
from	
Emerg.	Head-
ence,	ing

all, med. grain length

all, med. grain length

all, short grain

all, med. grain length

all, med. grain

all, med. grain

all, med grain - Best looking of Cardinals Flint selections

all, short grain

all, med to short grain

Cross or Variety
Carolina Flint Sel.

1932 Row No.	Plant Emerg- ence	Panicle 1st Plant	Emergence Last Plant	Ripe 1st Plant	Last Plant	Date Harv- ested	Plant Ht. (inches)	Hodg- ing %	Leaf Spot	Am. Tiller ing
5601	good	7/25	8/1	8/9	8/16		34	0	m-s	
5602	good	7/27	8/2	8/11	8/16		37	0	m	
5603	G	7/27	8/7	8/5	8/23		38	tr	m-s	Many
5604	M+	7/25	8/5	8/9	8/19		38	0	rm	
5605	G	7/25	8/5	8/11	8/19		36	0	rm	
5606	G	7/27	8/5	8/12	8/24		37	10	m-s	Many
5607	M	7/27	8/6	8/11	8/20		39	0	rm	
5608	M+	7/27	8/6	8/11	8/19		39	0	m-v	
5609	G	7/29	8/6	8/13	8/20		38	tr	s	Many

Early Prolific Check

5610	G	7/24	8/15	8/27			42	0	m	
5611	G	7/28	8/5	8/12	8/20		42	tr	s	Many
5612	M	7/25	8/1	8/9	8/20		37	0	rm	
5613	G	7/27	8/6	8/13	8/23		39	tr	m-s	Many
5614	good	7/23	7/31	8/9	8/15		35	0	rm	
5615	G	7/25	8/1	8/9	8/16		38	0	m	
5616	good	7/23	7/31	8/9	8/15		39	0	m	
5617	M+	7/25	8/3	8/9	8/20		39	0	m-v	

Miscellaneous Selections made in 1932 Season from Fortuna, exceptions

SR from Texas Fortuna 3/154	5618	G	8/10	8/20	8/30	9/6	entire row			
HR from Texas Fortuna 3/155	5619	G	8/17	8/25	9/5	9/17	3 panicles			
Fortuna Check	5620	M+	8/29	9/6	9/20					
From Lady Wright	5621	G	7/27	8/7	8/19	8/25	disc.			
NR from Lady Wright 3/156	5622	G	8/5	8/15	8/21	8/26	panicle			
NR T Fortuna Sel. 3/157	5623	G	8/3	8/13	8/23	8/31	panicle			
NR " " 3/158	5624	G	8/7	8/21	8/24	9/11	panicle			
NR " " 3/159	5625	G	8/6	8/21	8/23	9/10	panicle			
NR Texas Fortuna 3/160	5626	M	8/6	8/22	8/25	9/12	panicles			
T Fortuna Sel.	5627	G	8/6	8/21	8/26	9/7				
NR Texas Fortuna 3/161	5628	M+	8/8	8/22	8/26	9/10	panicle			
T Fortuna Sel.	5629	G	8/16	8/25	8/31	9/1				
Fortuna Check	5630	M+	8/27	9/5	9/18					
T Fortuna Sel.	5631	G	8/10	8/23	8/26					
NR Texas Fortuna 3/162	5632	G	8/21	8/29	9/7	9/17	panicle			
T Fortuna Sel.	5633	G	8/15	8/24	9/6					
Texas Fortuna	5634	G	8/17	8/25	9/6					
T Fortuna Sel.	5635	G	8/17	8/31	9/7					
" " "	5636	G	8/10	8/23	8/24	9/9				
" " "	5637	G	8/11	8/24	9/5					
" " "	5638	G	8/11	8/19	8/30					
" " "	5639	G	8/11	9/1	8/31					
Fortuna Check	5640	M+	8/29	9/5						

Days to
Maturity
from
Emergence
Hatching

noted

not budding from roots until August

Reddish purple leaf sheaths - fine green.

all distinct reddish purple leaf sheaths

Unclear - mixed type

mixed type

mixed type

Purplish leaf sheaths

purplish leaf sheaths

light purplish leaf sheaths

purplish leaf sheaths

purplish leaf sheaths

very faint purplish leaf sheaths

Cross or Variety	1932 Row No.	Stand	Plant Emerg- ence	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf Spot	Am. Tiller- ing
				Heading		Ripe						
				1st	Full	1st	Full					
Fortuna Sel.	5641	G		8/12	8/24	9/1						
"	5642	G		8/11	8/19	8/31						
"	5643	G		8/15	8/23	8/31						
Red endosperm	5644	G		8/12	8/23	9/1						
"	5645	G		8/11	8/23	9/1						
<u>NR's</u> " 3/1/63	5646	G		8/14	8/22	9/1	9/15	several panicles				
Red endosperm	5647	G		7/30	8/14	8/16						
"	5648	G		8/15	8/26	9/1						
<u>NR</u> " 3/1/64	5649	G		8/10	8/20	9/4	9/13	panicle				
Fortuna Check	5650	G		8/23	9/16							
Late Fortuna type	5651	G		8/12	9/7	8/31						
"	5652	G		8/20		9/6						
"	5653	G		8/14		8/31						
"	5654	G		8/12		8/31						
"	5655	G		8/14		8/31						
"	5656	G		8/15		8/31						
"	5657	G		8/17		8/31						
"	5658	G		8/14		8/31						
"	5659	G		8/12		8/31						
Fortuna Check	5660	G		8/24	8/29							
Late Fortuna type	5661	G		8/9		8/31						
Chlorophyll deficient Plant, deficient Shoot	5662	G		8/25								
" " " " Normal Shoot	5663	P										
<u>HR SR</u> 3/1/65 " " deficient Shoot	5664	G		8/24	8/31	9/2	entire row					
Rice Varieties obtained from J. M. Jenkins, Crowley, La. Planted in Single 6												
C.I. No. CA No.												
C1 SR	5665	G		8/9	8/19	8/26	9/8				S	
C2 SR	5666	G		8/11	8/20	8/26	9/8				S Int	
C3 SR	5667	G		8/12	8/19	8/27	9/7				S	
C4 SR	5668	G		8/14	8/20	8/30	9/7				S	
H30 SR	5669	G		8/9	8/19	8/25	9/5				S	
Fortuna Check	5670	G		8/28	9/5	9/16					S	
PR 325 SR	5671	G		8/21	8/28	9/7	9/13				S	
PR 428 SR	5672	G		8/21	8/30	9/5	9/13				S	
1168-2-1 SR	5673	G		8/25	8/31	9/13	9/20				S	
1215b SR	5674	G		8/22	8/29	9/12	9/19				S	
1297 SR	5675	M		8/28	9/6		9/19				S	
1546 SR	5676	G		8/9	8/18	8/25	9/11				S	
1645 SR Carolina gold	5677	G		8/17	8/24	9/1	9/10				S	
3025 SR	5678	G		8/14	8/21		9/15				S	
3491 SR	5679	M		8/28	9/6	9/10	9/23				S	
Fortuna Check	5680	G		8/28	9/5	9/13	9/22				S	

Days to
maturity
from
Emerg. | Head
ence | ing

mixed type

mixed type

uniform ht. but several different types present

mixed type

mixed type

appears uniform

mixed type

mixed type

do

do

do

do

do

do

do

mixed type

Purplish leaf sheaths

faint purplish leaf sheaths

very faint purple l. sh.

purplish l. sh.

Very faint purple l. sh.

very faint purple l. sh.

Very faint purple l. sh.

very faint purple l. sh.

Very faint purple l. sh. uniform

Very faint purple l. sh.

purple l. sh. few green

purple l. sh.

purple l. sh.

faint purple l. sh. few green

faint purple l. sh. few green

faint purple l. sh. few green

purple leaf sh. few green

faint purple l. sh.

faint purple l. sh.

purple leaf sh.

purple leaf sh.

purple-green l. sh.

faint purple l. sh.

Foot rows

111 30

111 28

110 26

110 24

105 27

116 23

116 23

123 26

122 28

122 22

114 33

115 26

118 32

126 26

Purple grass

Cross or Variety

Cross or Variety	1932 Row No.	Stand	Plant Emerg- ence	Dates				Date Harvest- ed	Plant Ht. (inches)	Leaf- ing %	Leaf spot	Arm. Tiller- ing
				Heading		Ripe						
				1st	Full	1st	Full					
3546	5681	G		8/19	9/4	9/12	9/20				-S	
3829	5682	G		8/25	9/4	9/13	9/21				S	
3937	5683	G		8/29	9/5	9/13	9/24				S	
4074	5684	G		9/6	9/19	9/25	10/6				S	
4295	5685	G		9/3		9/20	10/3				S	
4427	5686	M+		8/22	8/31	9/7	9/25				S	
4630	5687	M		8/24	9/2	9/7	9/19				S	
4714	5688	G		8/28	9/5	9/14	9/25				S	
5403-2	5689	M+		8/14	8/27	8/26	9/10				-S	Tail
Fortuna Check	5690	M+		8/29	9/6	9/19					S	
5661-1	5691	G		9/3	9/12	9/23	10/2				-S	
5661	5692	G		9/3	9/11	9/23	10/1				-S	
5662	5693	G		8/24	8/31	9/13	9/25				-S	
5798	5694	M+		8/20	8/28	9/5	9/13				S	
5892	5695	G		9/7	9/18	9/30	10/9				-S	
5947	5696	G		8/6	8/17	8/22	9/4				S	Tail
5998	5697	G		8/21	8/29	9/6	9/19				S	
6002	5698	G		8/30	9/10	9/21	10/7				S	

Days to maturity from	
Emerg- ence	Head- ing

123 30

124 27

127 26

139 30

136 30

128 34

122 26

128 28

115 29

Try to cross with Person

135 29

134 28

128 31

116 24

142 32

107 29

122 29

140 38

Collections from Orient planted in 4-ft. rows.

C.I.No.	C.N.No.	Variety Name	1932 Row No.	Stand	Dates				Date Harv-ested	Plant Ht. (inches)	Lodg-ing %	Leaf-Spot	1.
					Plant Emerg-ence	Heading		Ripe					
						1st	Full	1st	Full				
6820	526		6001	0									
6821	527		6002	0									
6822	528		6003	0									
6823	529		6004	2 pl.		8/18	8/19	9/7	9/21	30		ru	✓
6824	530		6005	0									
6825	531		6006	0									
6826	532		6007	1 pl		7/30	8/8	8/21	8/28	8/29 X 41		S	
6827	533		6008	0									
6828	534		6009	0									
1561-1		Caloro Check	6010			8/17	8/19	9/1	9/8	40			
6829	535		6011	0									
6830	536		6012	0									
6831	537		6013	0									
6832	538		6014	0									
6833	539		6015	0									
6834	540		6016	0									
6835	541		6017	1 pl		8/15	8/18	9/7	9/27	37		ru	✓
6836	542		6018	0									
6838	544		6019	1 pl		8/7	8/12	9/6	9/24	31		ru	✓
1561-1		Caloro Check	6020			8/10	8/18	9/1		34			
6839	545		6021	0									
6840	546		6022	0									
6841	547		6023	0									
6842	548		6024	0									
6843	549		6025	0									
6844	550		6026	1 pl		8/25	8/25			34		-S	✓
6845	551		6027	0									
6846	552		6028	0									
6847	553		6029	0									
1561-1		Caloro Check	6030			8/11	8/20	9/1		35			
6848	554		6031	1 pl									
6849	555		6032	0									
6850	556		6033	0									
6851	557		6034	0									
6852	558		6035	0									
6853	559		6036	0									
6854	560		6037	0									
6855	561		6038	0									
6856	562		6039	0									
1561-1		Caloro Check	6040			8/11	8/20	9/1		34			

Seed obtained from J.W. Jones.

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C.I. No.	C.N. No	Variety Name	1932 Row No.	Stand	Plant Emergence	Dates		Date Harvested	Plant Ht. (inches)	lodging %	leaf-spot							
						Heading	Ripe											
						1st	Full	1st	Full									
6857	563		6041	0														
6858	564		6042	0														
6859	565		6043	0														
6860	566		6044	0														
6861	567		6045	0														
6862	568		6046	0														
6863	569		6047	0														
6864	570		6048	0														
6865	571		6049	0														
1561-1		Caloro Check	6050			8/2	8/18	9/1		37								
6866	572		6051	0														
6867	573		6052	0														
6868	574		6053	0														
6869	575		6054	0														
6870	576		6055	0														
6871	577		6056	1	8/3	9/3	9/6	9/24	9/27	30		S	✓					
6872	578		6057	0														
6873	579		6058	0														
6874	580		6059	0														
1561-1		Caloro Check	6060			8/10	8/18	9/1		35								
6875	581		6061	1		8/17	8/19	9/5	9/20	X 30		nut	✓					
6876	582		6062	0														
6877	583		6063	0		8/10	8/20	9/4	9/18	X 27		S						
6878	584		6064	0														
6879	585		6065	0														
6880	586		6066	0														
6881	587		6067	0														
6882	588		6068	0														
6883	589		6069	0														
1561-1		Caloro Check	6070			8/11	8/18	9/1		35								
6884	590		6071	0														
6885	591		6072	0														
6886	592		6073	0														
6887	593		6074	0														
6888	594		6075	1	8/3	8/25	9/27	9/13	X 30	0	-S							
6889	595		6076	2														
6890	596		6077	4	7/23	7/29	9/15	9/27	1/27	X 34	0	St						
6891	597		6078	1	8/20			9/25		27		S	✓					
6892	598		6079	0														
1561-1		Caloro Check	6080			8/1	9/17	9/3		38								

C.I. No.	C.N. No.	Variety Name	1932 Row No.	Stand	Plant Emerg- ence	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- spot						
						Heading		Ripe											
						1st	Full	1st	Full										
6893	599		6081	0															
6894	600		6082	1		8/24	9/26	9/20	9/23		24	-S	✓	✓					
6895	601		6083	0															
6896	602		6084	0															
6897	603		6085	1		8/13	8/17	9/24			29	S	✓						
6898	604		6086	2		9/1	9/5	9/20	9/26		39	S	✓						
6899	605		6087	0															
6900	606		6088	1		8/19	8/26	9/6	9/20		31	S	✓	✓					
6901	607		6089	1		9/10	9/16	9/16	9/26		36	S	✓	✓					
1561-1		Caloro Check	6090			8/9	8/18	9/1			38								
6902	608		6091	0															
6904	610		6092	0															
6906	612		6093	4		8/17	8/26	9/5	9/26X		33	-S		✓					
6907	613		6094	7		8/8	8/25	9/4	9/24X		32	rut		✓					
6908	614		6095	0															
6909	615		6096	0															
6910	616		6097	0															
6911	617		6098	1		8/26	8/27	9/20			25	rut	✓	✓					
6912	618		6099	0															
1561-1		Caloro Check	6100			8/11	8/18	9/1			38								
6913	619		6101	0															
6914	621		6102	0		8/13	8/26	9/5	9/16/	X 42		rut							
6915	622		6103	0															
6916	623		6104	0															
6917	624		6105	0															
6918	625		6106	0															
6919	626		6107	2		8/12	8/17	9/5	9/13	X 37		S		✓					
6920	627		6108	0															
6921	628		6109	0															
1561-1		Caloro Check	6110			8/13	8/17	9/1			36								
6922	629		6111	3		8/22	8/26		9/18		36	S	✓	✓					
6923	630		6112	0															
6924	631		6113	0															
6925	632		6114	0															
6926	633		6115	4		8/23	9/5		9/20		34	rut	✓	✓					
6927	634		6116	1		8/23	9/26		9/16		38	rut	✓						
6928	635		6117	0															
6929	636		6118	5		8/8	8/21	9/6	9/16		32	S	✓	✓					
6930	637		6119	0															
1561-1		Caloro Check	6120			8/9	8/18	9/1			39								

C.I. No.	C.N. No.	Variety Name	1932 Row No.	Stand	Dates				Date Harv. Started	Plant Ht. (inches)	Yield % 70	Leaf- Spot					
					Plant Emer- gence	Heading		Ripe					1st	Full	1st	Full	
6931	638		6121	1		8/15	8/19		9/18	34		S	✓	✓			
6932	639		6122	0													
6933	640		6123	3		8/6	8/15	9/6	9/15	27		S	✓	✓			
6934	641		6124	0													
6935	642		6125	6		8/11	8/19	9/6	9/16	40		S	✓				
6936	643		6126	1													
6937	644		6127	0?													
6938	645		6128	1		8/27	8/29		9/28	43		S	✓	✓			
6939	646		6129	0													
1561-1		Caloro Check	6130			8/10	8/19	9/1		40							
6940	647		6131	1		8/30	9/1		9/21	41		nt	✓	✓			
6941	648		6132	0													
6942	649		6133	0													
6943	650		6134	0													
6944	651		6135	0													
6945	652		6136	0													
6946	653		6137	0													
6947	654		6138	1		9/4	9/8		9/9	39		S	✓	✓			
6948	655		6139	0													
1561-1		Caloro Check	6140			8/9	8/18	9/1		36							
6949	656		6141	0													
6950	657		6142	0													
6951	658		6143	0													
6952	659		6144	0													
6953	660		6145	0													
6954	661		6146	0													
6955	662		6147	0													
6956	663		6148	0													
6957	664		6149	0													
1561-1		Caloro Check	6150			8/9	8/18	9/1		37							
6958	665		6151	0													
6959	666		6152	0													
6960	667		6153	0													
6961	668		6154	0													
6962	669		6155	0													
6963	670		6156	0													
6964	671		6157	1		9/15	9/17	9/4	9/4	X37	0	S		✓	bordered		
6965	672		6158	0													
6966	673		6159	0													
1561-1		Caloro Check	6160			8/9	8/18	9/1		38							

C.I. No.	C.N. No.	Variety Name	1932 Row No.	Stand	Plant Emerg- ence	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing To	Leaf- Spot	Tree
						Heading		Ripe						
						1st	Full	1st	Full					
6967	674		6161	0										
6968	675		6162	0										
6969	676		6163	0										
6970	677		6164	0										
6971	678		6165	0										
6972	679		6166	0										
6973	680		6167	0										
6974	681		6168	3		8/1	8/11	8/22	9/5		34		S	L
6975	682		6169	0										
1561-1		Caloro	6170			8/9	8/17	9/1			36			
6976	683		6171	0										
6977	684		6172	0										
6978	685		6173	0										
6979	686		6174	2										
6980	687		6175	0										
6981	688		6176	0										
6982	689		6177	0										
6983	690		6178	0										
6984	691		6179	0										
1561-1		Caloro	6180			8/8	8/17	9/1			36			
6985	692		6181	1		7/27	8/9	8/22	9/10		34		S	+ L
6986	693		6182	0										
6987	694		6183	0										
6988	695		6184	0										
6989	696		6185	1										
6990	697		6186	0										
6991	698		6187	0										
6992	699		6188	0										
6993	700		6189	6		7/25	8/11	8/11	8/1	8/27	X 29	sl	S	
1561-1		Caloro	6190			8/8	8/17	9/1			36			
6994	701		6191	3		7/18	7/30	8/1	8/11	8/27	X 35		S	
6995	702		6192	0										
6996	703		6193	0										
6997	704		6194	1		7/25	7/26	8/9	8/19	8/27	X 32			L
6998	705		6195	0										
6999	706		6196	0										
7000	707		6197	0										
7001	708		6198	0										
7002	709		6199	1										
1561-1		Caloro	6200			8/8	8/17	9/1			40			

C.I. No.	C.N. No.	Variety Name	1932 Row No.	Stand	Plant Emer- gence	Dates				Date Har- vested	Plant Ht. (inches)	Lodg- ing %	Leaf- Spot	
						Heading		Ripe						
						1st	Full	1st	Full					
7004	711		6201	1			7/26	7/26	7/5		X 24		S	✓
7005	712		6202	0										
7006	713		6203	0										
7007	714		6204	0										
7008	715		6205	0										
7009	716		6206	3	fair	7/29	8/5	8/18	8/27	8/27	X 41	sl	St+	
7010	717		6207	0										
7011	718		6208	0										
7013	720		6209	2										
1561-1		Caloro Check	6210			8/8	8/15	9/1			39			
7014	721		6211	5		8/6	8/14	8/25	9/1		X 45		St+	bearded
7015	722		6212	2	fair	7/15	7/25	8/4	8/12	8/27	X 37	tr	St+	tip aune
7016	725		6213	3	fair	7/15	7/21	8/5	8/12	8/27	X 33	tr	St+	tip aune
7017	726		6214	good	2.0	7/26	8/3	8/11	8/20		X 45	15	S	✓
7019	728		6215	good		7/24	8/1	8/10	8/20		X 43	30	S	✓
7020	729		6216	good		7/23	8/1	8/11	8/20		X 46	30	S	✓
7021	730		6217	good		7/24	8/1	8/11	8/20		X 40	30	S	✓
7022	731		6218	0										
7023	732		6219	3		8/5	8/15	8/26	9/5		X 51		S	✓
1561-1		Caloro Check	6220			8/7	8/15	8/29	9/8		40			
7024	733		6221	4		8/1	8/9	8/18	9/3		X 41		S	✓
7025	734		6222	fair		7/24	8/12	8/21	9/4	Rp	X 44		S	
7026	735		6223	3		8/5	8/13	8/29	9/5		X 37		-S	✓
7027	736		6224	fair		7/30	8/8	8/14	8/31	8/29	X 40		S	✓
7028	737		6225	1		8/11	8/16	9/1	9/6		X 39		S	✓
7029	738		6226	0										
7030	739		6227	fair		7/29	8/4	8/13	8/29	8/29	X 43		S	✓
7031	740		6228	2		8/7	8/15	8/21	9/7		X 39		St+	✓
7032	741		6229	4		8/8	8/15	8/30	9/8		X 41		St+	✓
1561-1		Caloro Check	6230			8/7	8/13	8/24	9/8		42			
7033	742		6231	0										
7034	743		6232	good		7/27	8/8	8/14	8/29	8/29	X 42		St+	✓
7035	744		6233	good		7/30	8/5	8/13	8/29	8/29	X 44		-S	slender, shorter
7036	745		6234	good		8/3	8/10	8/22	8/29	8/29	X 47		St+	
7037	746		6235	0										
7038	747		6236	3		8/11	8/14	8/31	9/8		X 41		S	✓
7039	748		6237	0										
7040	749		6238	1		8/8	8/14	8/31	9/8		X 39		-S	✓
7041	750		6239	0										
1561-1		Caloro Check	6240			8/5	8/5	8/29	9/8		40			

C.I. No.	C.N. No.	Variety Name	1932 Row No.	Stand	Dates				Date Harv- ested	Plant Ht. (inches)	lodg- ing %	Leaf Spot		
					Plant Emerg- ence	Heading		Ripe						
						1st	Full	1st	Full					
7042	751		6241	good		8/1	8/4	8/18	8/25	8/29	41	S		
7043	752		6242	good		7/27	8/6	8/13	8/25	8/29	43	S		
7044	753		6243	b		7/30	8/14	8/19	8/29	8/29	47	S		
7045	754		6244	good		7/21	8/8	8/12	8/26	"	40	S		
7046	755		6245	g		7/25	8/7	8/12	8/26	"	37	S		
7047	756		6246	g		7/26	8/1	8/12	8/25	"	36	St		
7048	757		6247	g		7/20	8/4	8/5	8/25	"	38	St		
7049	758		6248	g		7/23	8/5	8/8	8/27	"	35	St		
7050	759		6249	g		7/26	8/9	8/11	8/19	"	37	St		
1561-1		Caloro Check	6250			8/8	8/17	8/30	9/7		40			
7051	760		6251	g		8/3	8/17	8/26	9/6	RPX	42	S		
7052	761		6252	g		8/1	8/10	8/26	9/31	X	38	-S		
7053	762		6253	g		7/6	8/2	8/1	9/18	8/29	36	S		
7054	763		6254	3		8/9	8/13	8/18	9/6	X	34	S		
7055	764		6255	g		7/27	8/8	8/11	8/25	8/29	38	St		
7056	765		6256	g		7/24	8/1	8/8	8/18	8/29	38	St		
7057	766		6257	g		8/3	8/12	8/18	8/27	8/29	37	St		
7058	767		6258	F		8/19	8/26	9/29	9/10	X	40	St		
7059	768		6259	g		8/1	8/15	8/19	8/29	8/29	42	St		
1561-1		Caloro Check	6260			8/9	8/16	8/27	9/5		39	S		
7060	769		6261	g		7/24	8/5	8/8	8/24	8/29	31	S		
7061	770		6262	g		8/1	8/12	8/18	9/9	8/18	45	S		
7062	771		6263	g		8/14	8/20	8/24	9/15	X	45	S		
7063	772		6264	g		8/17	8/25	9/5	9/16	RPX	45	S		
7064	773		6265	g		8/8	8/15	8/26	9/10	X	44	S		
7065	774		6266	g		8/5	8/26	8/26	9/8	X	47	S		
7066	775		6267	g		8/5	8/12	8/25	8/29	8/29	38	St		
7067	776		6268	g		8/11	8/18	8/29	9/9	RPX	42	-S		
7068	777		6269	g		8/19	8/26	9/7	9/18	X	40	St		
1561-1		Caloro Check	6270			8/8	8/17	8/20	9/8		38	S		
7069	778		6271	g		7/21	8/11	8/23	8/26	8/29	36	S		
7070	779		6272	g		8/6	8/15	8/25	9/8	X	42	S		
7071	780		6273	g		8/10	8/11	8/20	9/27	8/29	48	S		
7072	781		6274	g		8/1	8/10	8/18	8/26	8/29	48	S		
7073	782		6275	g		8/3	8/12	8/19	8/27	8/29	34	S		
7074	783		6276	g		8/3	8/15	8/26	9/1	X	42	S		
7075	784		6277	g		7/27	8/13	8/15	8/28	8/29	45	S		
7076	785		6278	g		8/9	8/13	8/26	9/29	8/29	39	S		
7077	786		6279	g		8/1	8/14	8/18	9/27	9/29	41	S		
1561-1		Caloro Check	6280			8/9	8/17	8/20	9/8		42	S		

red endocarp.
shattering
dense kernel

C.I. No.	C.N. No.	Variety Name	1932 Row No	Stand	Dates				Date Harv- ested	Plant Ht. (inches)	Lodg- ing %	Heaf. Spot	Shattering seed				
					Plant Emerg- ence	1st	Heading Fall	Ripe 1st	Full								
7078	787		6281	q		7/23	7/1	8/8	8/17	8/29	X 32	S	slight				
7079	788		6282	o													
7080	789		6283	q		7/30	8/8	8/15	8/22	8/30	X 42	S					
7081	790		6284	q		7/23	7/30	8/9	8/13	8/30	X 39	50	wt. slight				
7082	791		6285	q		8/6	8/12	8/26	9/1		X 50	S					
7083	792		6286	q		7/17	8/3	8/15	8/18	8/30	X 41	40	+S tri+				
7084	793		6287	3		8/9	8/13	8/26	9/30	9/30	X 43	S					
7087	796		6288	q		8/6	8/18	8/26	9/1		X 46	S					
7088	797		6289	q		7/26	8/6	8/10	8/22	8/30	X 40	tr.	wt. tri+				
1561-1		Caloro Check	6290			8/7	8/17	8/30			40	S					
7089	798		6291	o													
7090	799		6292	hand													
7091	800		6293	fur		8/9	9/26		9/18		X 38	S					
7092	801		6294	5		8/10	8/18	9/5	9/15		X 28	-S					
7093	802		6295	1		8/16	8/18	9/6	9/16		X 32	S					
7094	803		6296	fur		8/8	8/15	8/31	9/8		X 31	S					
7095	804		6297	2		8/10	8/15	8/3	9/15		X 31	S					
7096	805		6298	q		7/29	8/13	8/15	8/27	8/30	X 43	wt.	S tri+				
7097	806		6299	q		7/30	8/5	8/15	8/28	8/30	X 38	wt.	S				
1561-1		Caloro Check	6300			8/8	8/17	8/29	9/6		40	S					
7098	807		6301	q		8/9	8/21	8/28	9/10	RPX	49	ST					
7099	808		6302	q		8/8	8/19	8/31	9/15		X 49	-S					
7100	809		6303	q		8/6	8/18	8/27	9/12		X 49	SH					
7101	810		6304	q		8/15	8/20	9/1	9/15		X 45	S+					
7102	811		6305	q		8/8	8/20	9/1	9/13	P	X 46	S					
7103	812		6306	q		8/16	8/23	9/2	9/14		X 45	S					
7104	813		6307	q		8/15	8/26	9/6	9/18		X 49	S					
7105	814		6308	q		8/18	8/27	9/7	9/19		X 46	wt.					
7106	815		6309	q		8/5	8/15	8/21	9/1		X 38	S					
1561-1		Caloro Check	6310			8/8	8/17	8/30	9/8		33	S					
7107	816		6311	q		8/8	8/14	8/18	9/7		X 40	S					
7108	817		6312	o		8/7	8/31		9/25		33	wt.					
7109	818		6313	q		7/19	7/22	8/1	8/11	8/30	X 33	wt.					
7110	819		6314	3		7/24	8/5	8/13	8/14	8/30	X 37	S					
7111	820		6315	q		7/21	8/1	8/8	8/15	8/30	X 26	S++					
7112	821		6316	o													
7113	822		6317	o													
7114	823		6318	1		8/23	8/1		9/22		40	S					
7115	824		6319	o													
1561-1		Caloro Check	6320			8/5	8/17	8/30	9/8		40	S					

C.I. No.	C.N. No.	Variety Name	1932 Row No.	Stalk	Dates				Date Harv- ested	Plant Ht. (inches)	Hdg- ing %	Leaf- Spot		
					Plant Emerg- ence	Heading		Ripe						
						1st	Full	1st	Full					
7116	825		6321	1		8/30	9/1		9/26	35		nt	L	L
7117	826		6322	1		8/31	9/2		9/27	38		S	L	L
7118	827		6323	0										
7119	828		6324	0										
7120	829		6325	1	weak	9/5			9/18	31		nt	L	L
7121	830		6326	1					10/9	39		nt	L	L
7122	831		6327	g		8/30	8/17	8/13	8/31	PP 41		S	L	
7123	832		6328	g										
7124	833		6329	g		8/29	9/7		9/27	39		S	L	L
1561-1		Caloro Check	6330			8/27	8/17	8/28	9/8	40		S		
7125	834		6331	g		8/26	8/31		9/22	n 47		-S	L	
7126	835		6332	4		8/30	9/4		9/25	42		S	L	
7127	836		6333	0										
7128	837		6334	0										
7129	838		6335	g		8/27	8/30	9/7	9/21	43		S	L	L
7130	839		6336	g										
7133	842		6337	0										
7134	843		6338	0										
7135	844		6339	0										
1561-1		Caloro Check	6340			8/27	8/19	8/30	9/8	41		S		
7136	845		6341	g										
7143	852	SR	6342	g		8/30	9/6		9/26	59		-S	L	long gr.
7145	854		6343	g								S	L	L
7149	858		6344	g		8/3	8/10	8/20	8/26	light P 30 X 41		Stt	L	L
7154	863		6345	g		10/7						S	L	L
7155	864		6346	1		10/2						-S	L	L
7179	888		6347	g		8/13	8/25	8/27	9/8	X 45		St	L	
7183	892		6348	g		8/31			10/6	56		S	L	L
7185	894	SR	6349	g		8/32	9/7		10/4	59		S	L	long gr. ± beard
1561-1		Caloro Check	6350			8/29	9/15	8/30	9/8	44		S		
7187	896		6351	g		8/15	8/25	8/30	9/7	X 49		St		
7192	901		6352	g		9/3			10/3	54		S	L	
7193	902		6353	g		9/5			10/5	58		S	L	
7214	923		6354	g		8/30	9/5		9/28	56		-S	L	
7217	926		6355	g		9/1	9/6		9/24	55		S	L	
7220	929		6356	g		10/2						S	L	
7225	935	SR	6357	g		8/22	9/1	9/7	9/23	X 48		S		med to short purple top
7226	936		6358	g		9/19	10/17					S	L	L
7229	939		6359	5		9/27						S	L	L
1561-1		Caloro Check	6360			8/27	8/19	8/30	9/8	40		S		

C.I. No	C.N. No.	Variety Name	1932 Row No.	Stand	Plant Emerg- ence	Dates		Ripe		Date Harv- ested	Plant Ht. (inches)	Hodg- ing %	leaf- Spot				
						Heading		1st	Full					1st	Full		
7234	944		6361	8		8/29		10/9				S	L	L			
7236	946		6362	8		9/22						S	L	L			
7237	947		6363	8		9/19						S	L	L			
7239	949		6364	8		9/19		10/10		RR green		S/purple	L	L	plant		
7250	960		6365	3		10/14						-S	L	L			
7253	963	SR	6366	8		8/29	9/7		9/25	53		N	L	med gr. golden glauc.			
7277	987		6367	8		8/21	8/31	9/7	9/21	45		S	L				
7278	988		6368	8		8/22	8/31	9/6	9/22	X 40		S		L			
7312	1022		6369	8		8/18	8/25	9/6	9/19	X 50		S		L			
1561-1		Caloro Check	6370			8/10	8/17	8/31	9/8	37		S					
7336	1046		6371	8		10/2	10/14					S	L	L			
7338	1048	SR	6372	8		8/25	8/31		9/18	X 40		S	L	med gr. golden glauc.			
7339	1049		6373	4		8/2	8/4	8/15	8/27	X 28		S		L			
7340	1050		6374	0													
7341	1051		6375	0													
7342	1052		6376	1		8/4	8/17	8/26	8/31	X 28		S		L			
7343	1053		6377	0													
7344	1054		6378	0													
7345	1055		6379	0													
1561-1		Caloro Check	6380			8/9	8/17	8/30	9/8	38		S					
7346	1056		6381	0													
7347	1057		6382	0													
7348	1058		6383	6		8/11	8/17	9/6	9/17	30		N+ L					
7349	1059		6384	0													
7350	1060		6385	0													
7351	1061		6386	1													
7352	1062		6387	3		8/21	8/28	9/7	9/19	X 33		N+ L		L			
7353	1063		6388	1		8/23	8/26		9/18	X 43		-S		L			
7354	1064		6389	4		8/22	8/25	9/8	9/20	X 28		S		L			
1561-1		Caloro Check	6390			8/9	8/17	8/30	9/8	37		S					
7355	1065		6391	2		8/3	8/7		9/10	28		S	L				
7356	1066		6392	1		8/25	8/31		9/21	39		-S	L				
7357	1067	SR	6393	1		9/4		9/24	10/6	26		-S	L	L			
7358	1068		6394	4		9/4		9/24	10/1	30		S	L	L			
7361	1071		6395	3		7/23	8/1	8/18	8/31	38		S	L				
7362	1072		6396	9		7/28	8/13	8/18	8/30	X 40		S					
7363	1073		6397	8		7/22	8/11	8/18	9/1	X 40		S+					
7364	1074		6398	8		8/4	8/11	8/19	8/28	X 39		S		L			
7365	1075		6399	1		7/26	8/2	8/11	8/26	X 40		S					
1561-1		Caloro Check	6400			8/10	8/18	8/30	9/9	36		S					

C.I. No.	C.N. No.	Variety Name	1932 Row No.	Stand	Plant Emergence	Dates				Date Harvested	Plant Ht. (inches)	Leaf- ing No	Leaf- Spot	
						Heading		Ripe						
						1st	Full	1st	Full					
7366	1076		6401	8		8/2	8/12	8/18	8/30	8/30	X 41		S+	
7366	1076		6402	8		7/25	8/4	8/11	8/17	8/30	X 30		-S	
7367	1077		6403	8		7/10	7/25	7/29	8/15	8/30	33		-S	L
7368	1078		6404	8		7/17	7/29	8/8	8/18	8/30	28		S	L
7369	1079		6405	8		7/30	8/12	8/17	8/30	8/30	X 36		S	
7370	1080		6406	8		7/8	8/1	8/12	8/27	8/30	34		S	L
7372	1082		6407	8		8/4	8/18	9/4	7/9	RPX	40		S	
7373	1083		6408	8		8/2	8/11	8/18	8/27	8/30	X 35		S	
7374	1084		6409	8		8/4	8/14	8/26	9/1	RPX	44		S	
7375	1085		6410			8/8	8/19	8/30	9/8		34		S	
1561-1	—	Caloro	6411	8		8/3	8/20	8/26	9/8	RPX	40		S	L
7376	1086		6412	8		8/5	8/17	8/25	9/8	RPX	43		S	L
7378	1088		6413	8		8/20	8/30	9/7	9/19	RPX	44		-S	L
7379	1089		6414	8		7/30	8/11	8/18	8/27	8/30	X 37		S	
7380	1090		6415	8		8/4	8/11	8/21	8/28	8/30	X 35		S	
7381	1091		6416	8		8/3	8/13	8/24	8/28	8/30	X 37		S	
7382	1092		6417	8		8/3	8/13	8/19	8/28	8/30	X 38		S	
7383	1093		6418	8		7/28	8/8	8/13	8/28	8/30	X 33		N	
7384	1094		6419	8		8/9	8/17	8/31	9/8		39		S	
7385	1095	No seed	6420			8/8	8/17	8/31	9/8		37		S	
Planted to Caloro			6421	8		7/27	8/5	8/17	8/27	8/30	X 38		S	
1561-1	—	Caloro	6422	8		7/29	8/6	8/13	8/27	8/30	X 40		S	
7386	1096		6423	8		8/5	8/13	8/25	9/8	RPX	46		S	
7387	1097		6424	8		8/3	8/19	8/27	9/9	RPX	47		S	
7388	1098		6425	4		7/27	8/1	8/22	8/26	8/30	X 43		S+	L
7389	1099		6426	8		7/30	8/14	8/15	9/9	RPX	47		S	L
7390	1100		6427	8		7/30	8/8	8/16	8/27	8/30	X 43		S	
7391	1101		6428	8		8/3	8/18	8/29	9/8	X	46		S	
7392	1102		6429	8		7/27	8/8	8/17	8/28	8/30	X 45		S	
7393	1103		6430			8/8	8/17	8/30	9/9		40		S	
7394	1104		6431	8		7/22	7/30	8/13	8/28	8/30	X 43		S	
1561-1	—	Caloro	6432	8		7/18	7/29	8/8	8/21	8/30	39		S	L
7395	1105		6433	8		7/30	8/8	8/17	8/27	8/30	X 48		S	
7396	1106		6434	8		7/29	8/12	8/21	8/28	8/30	X 44		S	
7397	1107		6435	8		7/28	8/5	8/13	8/28	8/30	X 50		S	
7398	1108		6436	8		7/11	7/19	7/28	8/5	8/11	X 30		S	very badly damaged by birds
7399	1109		6437	2		8/8	8/20	9/5	9/19	X	45		S	
7400	1110		6438	8		8/7	8/17	8/22	9/7	X	40		-S	
7401	1111													
7402	1112													
Starting here these selections are planted on block immediately														
7403	1113		6439	8		8/5	8/16	8/22	8/31	X 41			-S	L
1561-1	—	Caloro	6440	8		8/6	8/16	8/30	9/9		42		S	

C.I. No.	C.N. No	Variety Name	1932 Row No.	stand	Dates				Date Harvested	Plant Ht. (inches)	Lodging %	leaf-Spot		
					Plant Emergence	Heading		Ripe						
						1st	Full	1st	Full					
7404	1114		6441	q		7/28	8/5	8/11	9/22	8/30	X 38	nd.	-S	
7405	1115		6442	q		7/29	8/5	8/15	8/20	8/30	X 36	40	S	
7406	1116		6443	q		8/13	8/18	8/31	9/5	P. X 37			S	
7407	1117		6444	q		7/26	8/6	8/12	8/30	P. X 38	60		S	
7408	1118		6445	q		7/18	8/1	8/1	8/15	8/30	X 32	10	-S	L
7411	1121		6446	q		7/19	7/25	7/30	8/17	8/30	X 34	5	-S	
7412	1122		6447	q		8/2	8/15	8/19	8/26	P. X 37			S	
7413	1123		6448	q		8/18	8/23	9/5	9/15	P X 39			S	
7414	1124	SR	6449	q		8/29	9/7		9/25		39		N	L longer. golden
1561-1	—	Caloro	6450			8/9	8/17	8/30	9/7		39		S	
7415	1125		6451	q		8/10	8/17	8/27	9/4		X 40		S	
7416	1126		6452	0										

EPL border
followed by artificial crossing material.
171 — failed to come true.

Very

Artificial Crossing Block

C.I.
No.

Variety

5947

90

5892

9

4074

9

2099 4

2097 3

2096 7

2024 2

2016 2

1146 15

Rexoro

Delitua

Edith

1001 15

Storm Proof

78 11

Fortuna

1207 19

2064 4

2060 10

2055 4

2030 10

Early Prolific

3 4

Improved Blue Rose

1200 13

Blue Rose

1186 15

2061 5

2037 5

2021 4

No. 8

72 8

Naglampas

3010 5

2071 6

2066 4

2041 3

6018

2100 1

594

2078 8

planted in pots June 8

Emergence

5947
5892
4074

Rexoro
Edith
Stormproof
Fortuna

Early Prolific
Improved Blue Rose
Blue Rose

No. 8
Naglampas

6018
5094

2099

2097

2096

2024

2016

1146

1001

78

1207

2064

2060

2055

2030

3

1200

1186

2061

2057

2021

72

3010

2071

2066

2041

2100

2078

1 med

2 med to slow

3 early

4 early

5 med.

6 slow

7 slow

8 med to slow

9 med.

10 med.

11 med to early

12 med.

13 med.

14 med to slow

15 med

16 slow

17 slow

18 med.

19 med.

20 slow

21 slow

22 med.

23 med to early

24 very slow

25 med to early

26 slow

27 slow

28 slow

29 very slow

Soil Variation Test.

Variety Name	1932 Row No.	Planted	Plant Emergence	Dates				Ripe		Date Plant		Harvested	Harvested	Harvested	Harvested
				Heading			Full		Harvested						
				1st	10%	Full	1st	Full	Harvested	Harvested					
Early Prolific (Seed from Am. Rice Growers Ass'n. Office)	6501	5/23	6/2	8/5		8/25	9/10	9/20	90		47				
	6502			8/18					95		48				
	6503			8/17					95		49				
	6504			8/18					95		48				
	6505			8/18					95		48				
	6506			8/15					95		48				
	6507			8/18					95		47				
	6508			8/18					95		48				
	6509			8/18					95		47				
	6510			8/16					95		46				
	6511			8/15							46				
	6512			8/18							46				
	6513			8/18							45				
	6514			8/18							45				
	6515			8/18							43				
	6516			8/18							43				
	6517			8/18							44				
	6518			8/18							44				
	6519			8/18							45				
	6520			8/18							44				
	6521			8/18							43				
	6522			8/18							44				
	6523			8/17							44				
	6524			8/18							44				
	6525			8/18						90	44				
	6526			8/19						all 95	45				
	6527			8/15							44				
	6528			8/18							45				
	6529			8/18							44				
	6530			8/18							45				
	6531			8/19							45				
	6532			8/17							45				
	6533			8/18							44				
	6534			8/16							44				
	6535			8/18							44				
	6536			8/15							45				
	6537			8/18							44				
	6538			8/15							44				
	6539			8/15							44				
	6540			8/18							44				

Stands very uniform

Very uniform in heading.

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June 9

Days to Maturity from		Yield Data			T.Wt. Per Bu.	Milling Data	
Emerg-ence	Head-ing	Gms. Per Row	Per Acre			Head Price	Total Price
			Bu.	Lbs	Bbls.		
		701		4080		99.9	114.5
		722		4202			
		788		4586	40.8		
		764		4446			
		702		4086		101.2	114.5
		689		4010	41.9		
		691		4022			
		666		3876			
		626		3643	41.2		
		661		3847		99.9	113.1
		543		3160			
		572		3329	41.2		
		536		3120			
		516		3003			
		532		3096	41.5	98.5	114.5
		528		3073			
		540		3143			
		553		3218	41.1		
		534		3108 ³¹⁰⁸			
		521		3032		99.9	113.1
		510		2968	41.5		
		570		3317			
		495		2881			
		567		3300	41.5		
		508		2956		97.2	113.1
		576		3352			
		547		3184	41.0		
		566		3294			
		550		3201			
		563		3277	41.4	97.8	113.1
		565		3288			
		606		3527			
		653		3800	41.5		
		648		3771			
		610		3550		101.2	114.5
		649		3777	41.7		
		632		3678			
		622		3620			
		558		3248	41.3		
		600		3492		99.2	114.5

stems

Variety Name

Early Prolific

1932 Row No.	Planted	Plant Emerg- ance	Dates				Stone	Date Harv- ested	Plant Ht.	lodg- ing %	Leaves Spot
			Heading		Ripe						
			1st	10 %	Full	1st	Full				
6541			8/19					95	45		
6542			8/15						45		
6543			8/16						44		
6544			8/18						45		
6545			8/18						44		
6546			8/18						44		
6547			8/16						44		
6548			8/16						44		
6549			8/18						44		
6550			8/18						44		
6551			8/15						44		
6552			8/18						44		
6553			8/18						45		
6554			8/18						44		
6555			8/17						44		
6556			8/15						44		
6557			8/18						43		
6558			8/15						44		
6559			8/17						44		
6560			8/15					90	45		
6561			8/18					95	45		
6562			8/16						44		
6563			8/18						45		
6564			8/18						45		
6565			8/15						46		
6566			8/16						46		
6567			8/17						46		
6568			8/15						46		
6569			8/15						45		
6570			8/15						45		
6571			8/17					90	45		
6572			8/16					95	45		
6573			8/15						44		
6574			8/17						44		
6575			8/17						44		
6576			8/17						45		
6577			8/16					90	45		
6578			8/15					85	44		
6579			8/16					95	44		
6580			8/18					95	44		

Days to Maturity from		Yield Data			Milling Data	
Emergence	Heading	Gms. Per Row	Per Acre		T.Wt. Per Bu.	Total Rice
			Bu.	Lbs.	Bbls.	
		590	3434			
		582	3387	41.1		
		603	3309			
		568	3306			
		623	3626	41.2	98.5	113.1
		555	3230			
		628	3655			
		632	3678	41.5		
		593	3451			
		578	3364		100.5	114.5
		628	3655	41.4		
		619	3603			
		579	3370			
		580	3376	41.8		
		643	3742		101.2	114.5
		639	3719			
		608	3539	42.1		
		577	3358			
		573	3335			
		581	3381	41.7	82.4	113.1
		591	3440			
		560	3259			
		605	3521	41.5		
		587	3416			
		535	3114		100.5	114.5
		575	3347	41.4		
		587	3416			
		586	3411			
		545	3172	41.5		
		533	3102		99.9	114.5
		550	3201			
		612	3562	41.4		
		487	2834			
		548	3189			
		521	3032	41.3	101.9	114.5
		549	3195			
		516	3003			
		529	3079	41.1		
		558	3248			
		589	3428		99.2	113.1

Variety Name	1932 Row No.	Planted	Plant Emerg- ence	Dates				Stand	Date Harv- ested	Plant Ht. (inches)	Yield ing % 70	Leaf- Spot	
				Heading			Ripe						
				1st	10%	Full	1st						Full
Early Prolific	6581			8/17					95	44			
	6582			8/17					95	44			
	6583			8/15					90	44			
	6584			8/16					85	44			
	6585			8/15					85	44			
	6586			8/16					85	44			
	6587			8/15					95	44			
	6588			8/16						43			
	6589			8/15						43			
	6590			8/18						43			
	6591			8/16						43			
	6592			8/16						45			
	6593			8/16						44			
	6594			8/17						43			
	6595			8/17						44			
	6596			8/18						44			
	6597			8/17						43			
	6598			8/18						44			
	6599			8/17						44			
	6600			8/18						44			
	6601			8/18						45			
	6602			8/16						44			
	6603			8/17						44			
	6604			8/15						43			
	6605			8/15						44			
	6606			8/15						43			
	6607			8/17						43			
	6608			8/15						44			
	6609			8/15						44			
	6610			8/18						44			
	6611			8/18						44			
	6612			8/15						43			
	6613			8/17						43			
	6614			8/18						42			
	6615			8/18						42			
	6616			8/18						43			
	6617			8/18						43			
	6618			8/17						42			
	6619			8/16						43			
	6620			8/17						42			

Days to Maturity from Emerg- enced	Head- ing	Yield Data			Milling Data	
		Gms. Per Row	Per Acre	T.Wt. Per Bu.	Head Rice	Total Rice
		Bu.	Lbs. Bbls	Bu.		

566	3294	41.1				
562	3271					
459	2671					
520	3026	41.0				
467	2718			99.2	118.1	
543	3160					
530	3085	41.2				
527	3067					
537	3125					
539	3137	42.0	101.2	114.5		
506	2945					
542	3154					
537	3125	41.6				
549	3195					
591	3440			102.6	114.5	
590	3434	41.0				
556	3236					
562	3271					
552	3218	41.2				
576	3352			101.2	113.1	
598	3480					
568	3306	41.1				
589	3428					
599	3486					
626	3643	41.7	99.9	114.5		
605	3521					
587	3416					
637	3707	41.5				
566	3294					
578	3352			100.5	114.5	
586	3411	41.5				
547	3184					
602	3504					
532	3096	41.4				
585	3405			101.9	114.5	
578	3364					
513	2986	42.0				
503	2927					
544	3166					
533	3102	41.3	100.5	114.5		

Red rice present

Variety Name	1932 Row No.	Planted	Plant Emergence	Dates						Stand	Date Harv- ested	Plant Ht. (inches)	lodg- ing %	leaf- Spot
				Heading			Ripe							
				1st	10%	Full	1st	Full						
Early Prolific	6621			8/18					95		43			
	6622			8/17							43			
	6623			8/17							43			
	6624			8/15							43			
	6625			8/15							43			
	6626			8/16							43			
	6627			8/15							42			
	6628			8/16							42			
	6629			8/15							42			
	6630			8/16							42			
	6631			8/18							43			
	6632			8/18							43			
	6633			8/17							43			
	6634			8/17							43			
	6635			8/18							43			
	6636			8/17						85	43			
	6637			8/18						95	42			
	6638			8/19						95	42			
	6639			8/19						90	43			
	6640			8/19						95	43			
	6641			8/16						95	43			
	6642			8/16						90	42			
	6643			8/17						95	42			
	6644			8/16							42			
	6645			8/18							41			
	6646			8/17							42			
	6647			8/18							42			
	6648			8/18							42			
	6649			8/18							41			
	6650			8/16							42			
	6651			8/16							41			
	6652			8/16							41			
	6653			8/16							42			
	6654			8/16							42			
	6655			8/18							42			
	6656			8/17							42			
	6657			8/17							42			
	6658			8/17							41			
	6659			8/18							42			
	6660			8/17							41			

Days to maturity From		Yield Data			Milling Data	
Emerg ence	Head- ing	Gms Per Row	Per Acre		Head Rice	Total Rice
		Bu.	Lbs.	Bbls.		
		542	3154			
		523	3044			
		533	3102	41.3		
		588	3422			
		561	3265		100.5	114.5
		519	3021	41.1		
		592	3445			
		546	3178			
		550	3201	41.6		
		593	3451		100.5	114.5
		517	3009			
		544	3166	41.1		
		543	3160			
		527	3067			
		479	2988	41.2	99.2	114.5
		459	2671			
		501	2916			
		465	2706	41.6		
		446	2596			
		431	2508		102.6	114.5
		462	2689	41.0		
		412	2398			
		441	2567			
		445	2590	40.9		
		471	2741		103.2	114.5
		480	2794			
		484	2817	41.1		
		463	2675			
		495	2881			
		493	2869	41.1	101.2	114.5
		461	2683			
		458	2666			
		502	2922	41.1		
		473	2753			
		455	2648		103.2	116.0
		517	3009	41.7		
		473	2753			
		473	2753			
		427	2485	41.3		
		485	2823		102.6	116.0

Early Prolific

1932 Row No	Planted	Plant Emerg- ence	Dates				Stand	Date Harv- ested	Plant Ht. (inches)	Hdg- ing %	Leaf Spot
			Heading		Ripe						
			1st	10%	Full	1st	Full				
6661			8/17					95	41		
6662			8/18						41		
6663			8/17						42		
6664			8/18						41		
6665			8/17						42		
6666			8/18						42		
6667			8/16						42		
6668			8/17						42		
6669			8/16						42		
6670			8/18						42		
6671			8/17						42		
6672			8/17						41		
6673			8/15						41		
6674			8/15						42		
6675			8/17						42		
6676			8/17						41		
6677			8/17						42		
6678			8/18						41		
6679			8/16						41		
6680			8/16						42		
6681			8/15						41		
6682			8/15						42		
6683			8/17						41		
6684			8/16						41		
6685			8/17						42		
6686			8/15						41		
6687			8/16						42		
6688			8/18						41		
6689			8/17						42		
6690			8/15						42		
6691			8/15						42		
6692			8/18						43		
6693			8/17						43		
6694			8/18					90	43		
6695			8/17					95	43		
6696			8/15						43		
6697			8/16						43		
6698			8/15						42		
6699			8/18						42		
6700			8/16						42		

yield
 01 567 3300.
 02 576 3352.
 03 678 3946.
 40.9

Days to Maturity from Emerg		Yield Data			Milling Data	
Head- ence	ing	Gms. Per Row	Per Acre Bu lbs. Bbls	T.Wt Per Bu.	Head Rice	Total Rice

504	2993					
493	2869	41.4				
464	2700					
552	3213					
492	2863	41.6	102.6	114.5		
516	3003					
553	3218					
549	3195	41.5				
537	3125					
516	2945		102.6	114.5		
565	3288	41.6				
531	3090					
551	3207					
591	3440	41.5				
546	3178		103.2	113.1		
526	3061					
498	2898	41.8				
481	2799					
501	2916					
488	2840	41.5	101.2	114.5		
554	3224					
541	3149					
564	3282	41.8				
528	3073					
551	3207		102.6	114.5		
574	3341	42.2				
536	3120					
572	3329					
614	3573	42.3				
583	3393		102.6	114.5		
575	3347					
512	2980	41.5				
571	3323					
547	3184					
594	3457	41.9	102.6	116.0		
637	3707					
619	3603					
521	3032	41.2				
553	3218					
607	3533		103.2	116.0		
also 6701		41.7				

Space planted Improved Bl. Rose for 70 emergence, maturity, etc

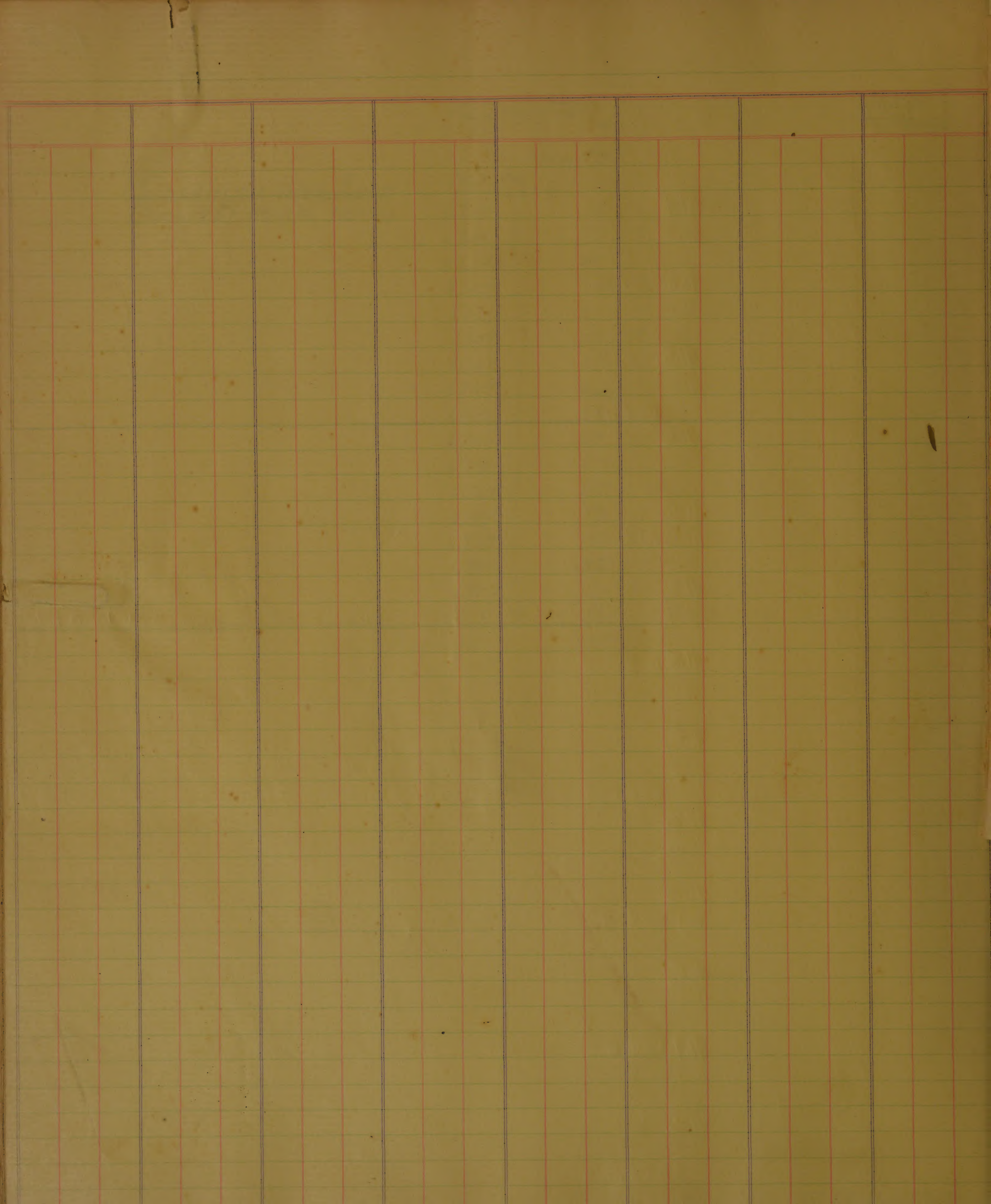
Improved Blue Rose
(From 1931 Row No 1200)

1932 Row No.	Plant ed	Eme rged	No Plant s	June 18	Total no emerging	July 11	Heading 1st Last			No Plant maturity
		June	June							
6701	May 23	4	35	36	36	36	9/2	9/5	9/24	9/29 36
6702		"	45	45	45	45	"	9/6	9/24	9/30 45
6703		"	37	35	37	35	"	9/6		9/30 35
6704		"	29	33	33	33	"	9/7		9/30 33
6705		"	35	33	35	33	"	9/7		9/30 31
6706		"	24	25	25	25	"	9/7		9/30 25
6707		"	15	18	18	18	"	9/8		10/1 18
6708		"	17	22	22	22	"	9/8		9/30 21
6709		"	22	22	22	22	"	9/9		9/30 22
6710		"	27	28	28	28	"	9/6		9/29 28
6711		"	24	27	27	27	"	9/6		9/29 27
6712		"	23	26	26	25	"	9/6		9/29 25
6713		"	27	30	30	30	"	9/9		9/30 30
6714		"	32	37	37	35	"	9/6		9/29 35
6715		"	37	37	37	37	"	9/6		9/29 36
6716		"	36	38	38	38	"	9/6		9/29 38
6717		"	41	43	43	43	"	9/6		9/29 42
6718	✓	"	32	31	32	27	"	9/6	✓	9/29 22
Average			29.9	31.0	31.4					34.9
70 emerging					31.9					

Border row

Days to
Maturity
from
Emergence

Do not include in average outside row number 10



The following rows were
planted to Blue Rose due to
a lack of seed of these select

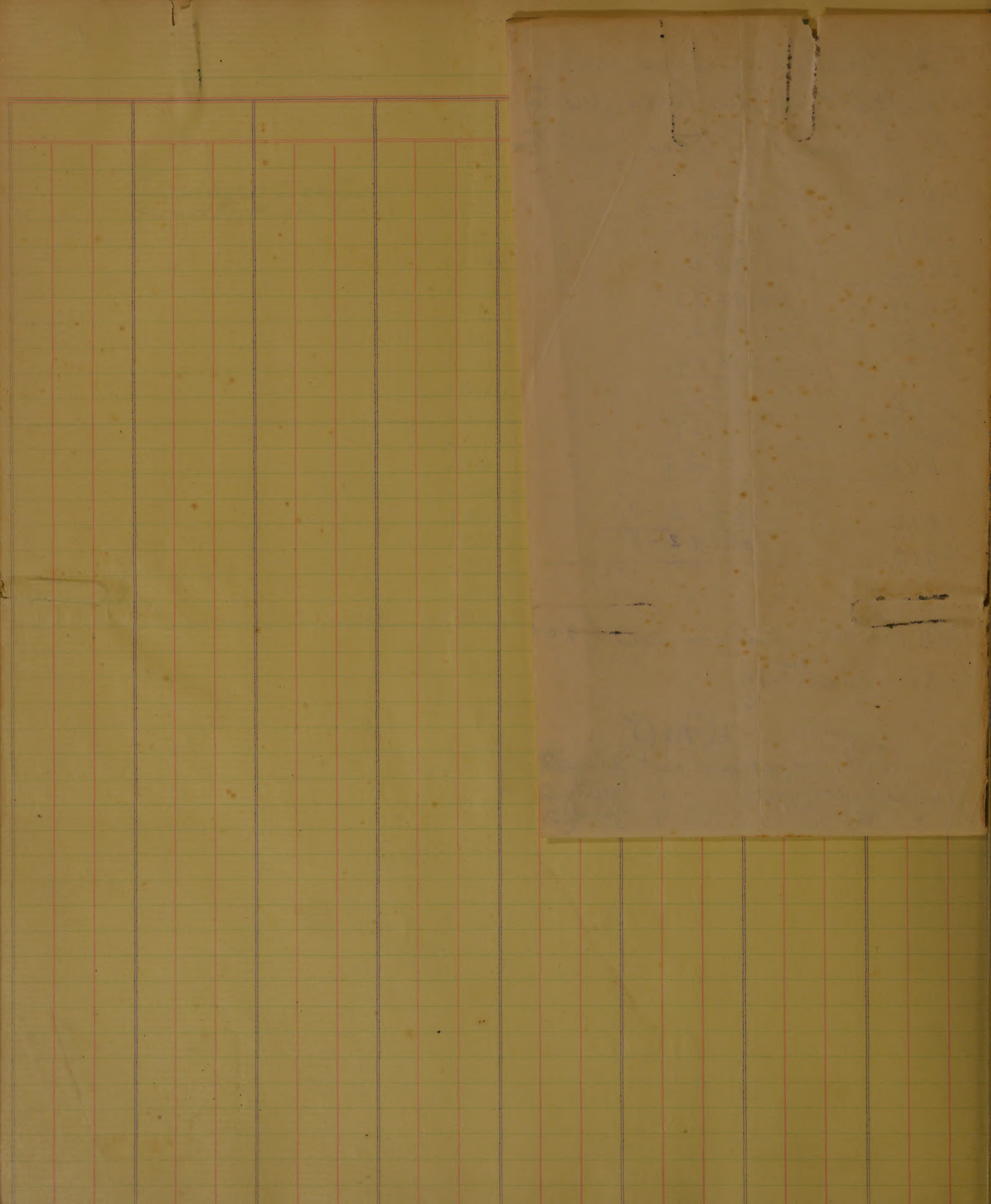
Row No.	Set. No.
8401	2913A1
8402	2913A2
8649	2919A33
8651	2919A34
8679	2920A24
8692	-35
8695	-38
8696	-39

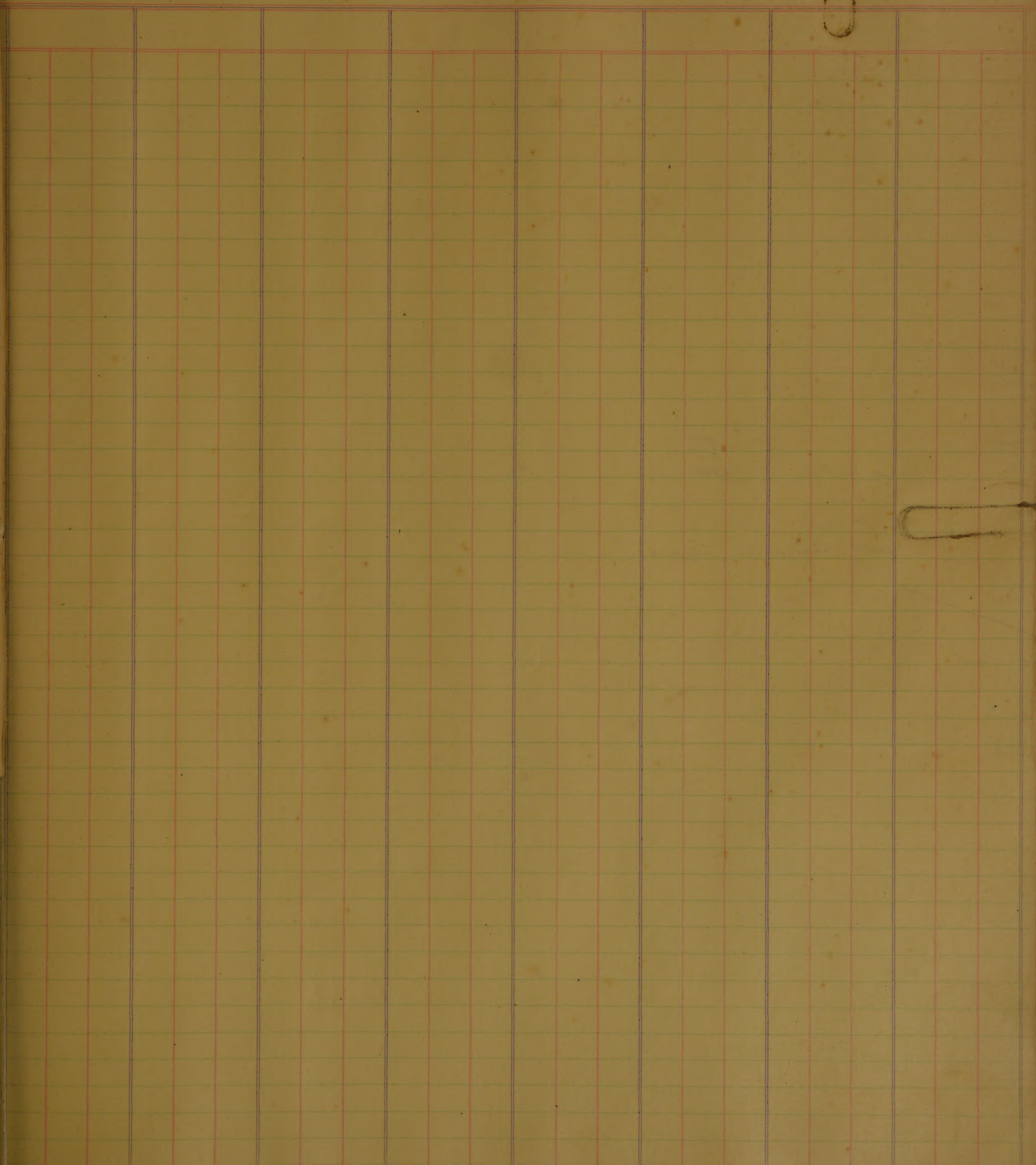
8012	283A 2-7
8013	283A 2-8

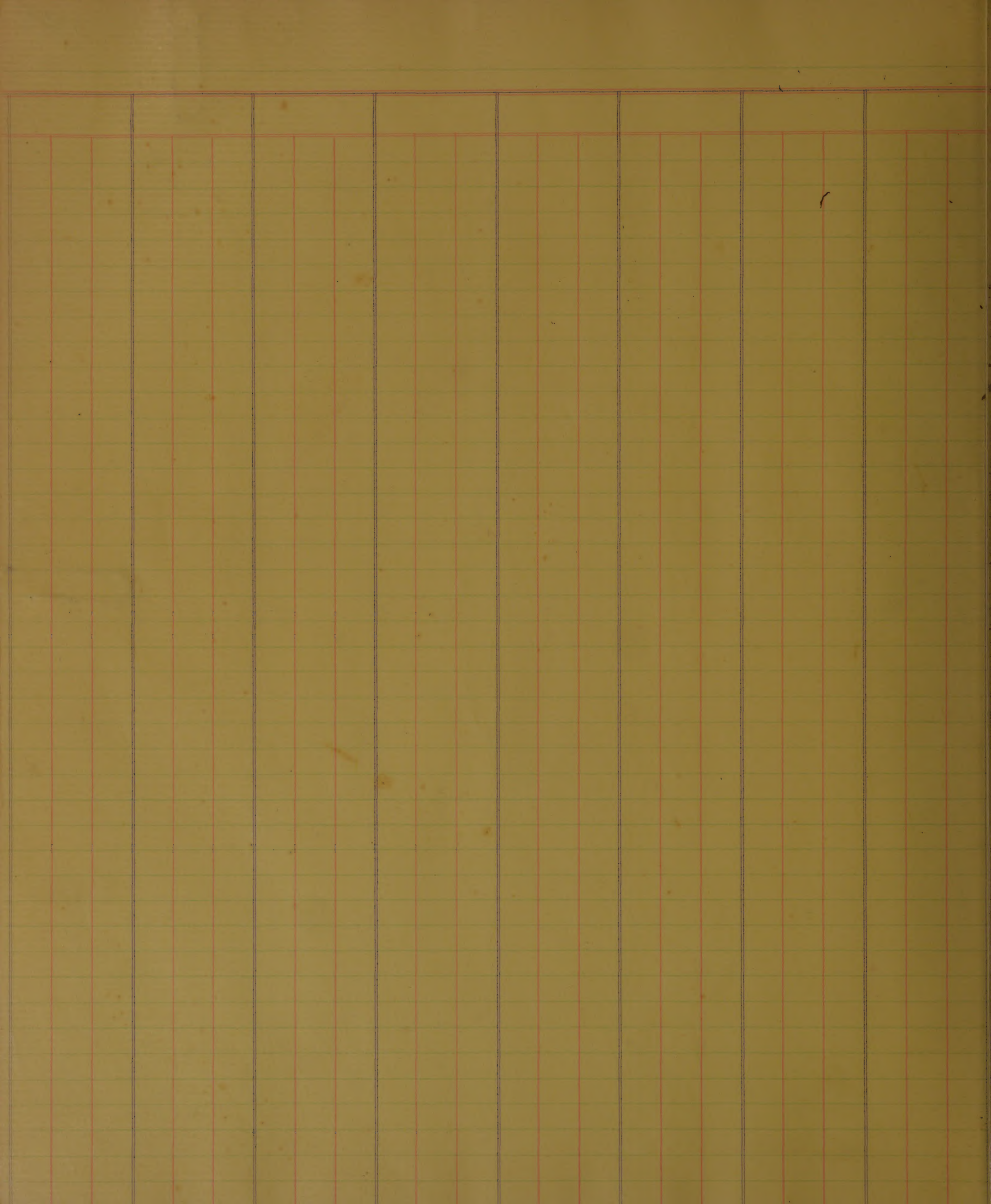
136

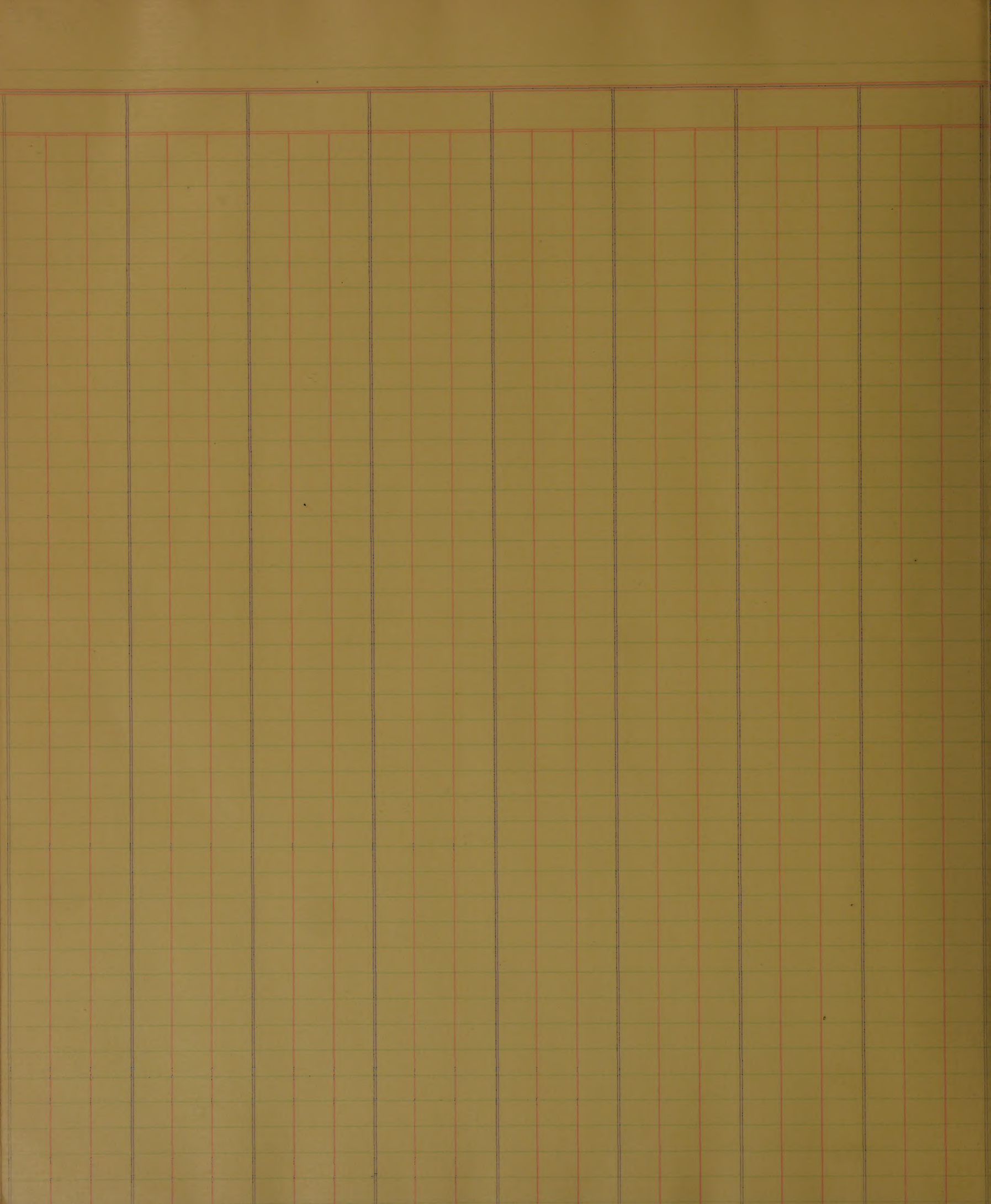
~~All others same as 4~~
hybrid plantings

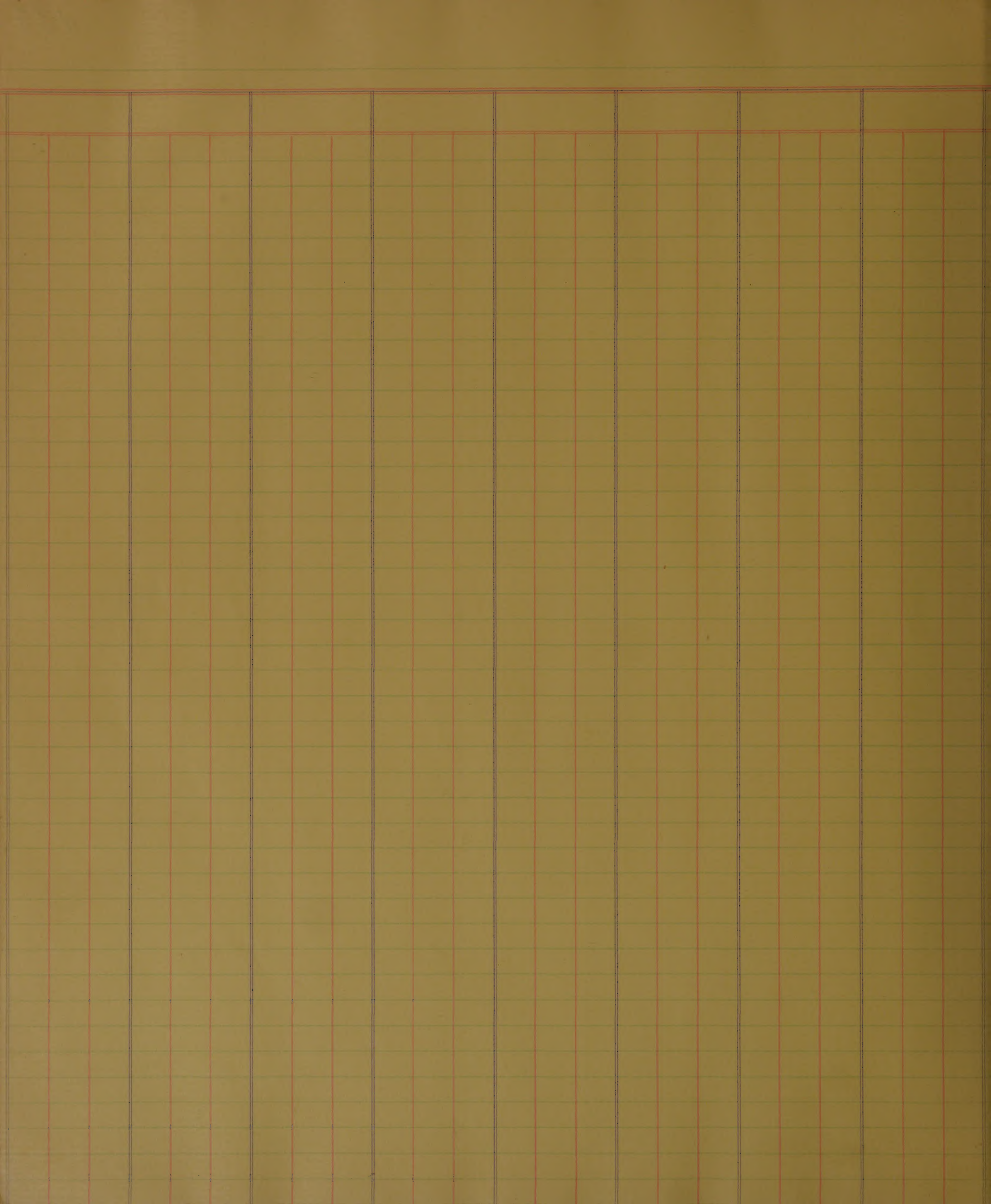
(36 jars) H. M. B.
3 boxes of H. myzoe put out July
27 jars H. myzoe " " July
9 " H. " " " July











Varieties Planted for Artificial Inoculation Studies

Planted May 21

C.I.	T.S	Variety	1931 No.	1932 Row No
1600	8971	Spain Jap	73	9001
3794		Colusa	Biggscol.	9002
		_____	2048	9003
	5364	Kinoryom	68	9004
		Naglampas	3010	9005
3171		_____	2041	9006
4602		_____	2066	9007
	5412	Naguyon	70	9008
5283		_____	2095	9009
1344		Fortuna Check	—	9010
	5459	Piniling Daniel	71	9011
	7190	No. 8	72	9012
7447		_____	2101	9013
1561		Wateribune	2008	9014
1561-1		Caloro	75	9015
1988		Acadia	74	9016
1988		Acadia	2017	9017
1428		_____	2007	9018
1573		Omachi	2009	9019
1344		Fortuna Check	—	9020
1642		Shinriki	2011	9021
3381		_____	2044	9022
3564		_____	2045	9023
4375		_____	2058	9024
5548		_____	2094	9025
4700		_____	2071	9026
5343		_____	2087	9027
		243A5-8	3001	9028
		243A5-9	3002	9029
1344		Fortuna Check	—	9030
5312		_____	2085	9031
22697		_____	2028	9032
5361		_____	2089	9033
		241B5-30	3003	9034
		241A(P1) 31-2	3004	9035
		Early Prolific	3	9036
		Early Blue Rose	Ark.	9037
	5321	Guininto	67	9038
5883		Early Prolific	2098	9039
1344		Fortuna Check	—	9040

C.I.	T.S.	Variety	1931 No	1932 Row No.
461		_____	2003	9041
4992		_____	2077	9042
2997		_____	2040	9043
4322		_____	2057	9044
4830		_____	2072	9045
1265		_____	2006	9046
4440		_____	2059	9047
4682	4	_____	Ark. Sta.	9048
2128		_____	2021	9049
1344		Fortuna Check	—	9050
	5389	Kobo-Ong	69	9051
2930		_____	2036	9052
1160	1555	_____	56	9053
		Bl. Rose Supreme	86	9054
	7183	Blue Rose	85	9055
	5463	Tinuco	80	9056
1497	1593	Bruinmissie	58	9057
	2198	E. Prolipic Sel.	66	9058
3883		_____	2051	9059
1344		Fortuna Check	—	9060
2011		_____	2018	9061
1711		_____	2014	9062
		Edith	79	9063
		Mortgagelifter	Ark.	9064
		Storm Proof	78	9065
3625		(starchy)	Crowley La.	9066
		Lady Wright	2	9067
		L.W. 11	3008	9068
		L.W. 10	3007	9069
1344		Fortuna Check	—	9070
	12983	No. 32	90	9071
	12981	No. 30	89	9072
5390		_____	2091	9073
1645		Carolina Gold	2013	9074
1496		Wanica	57	9075
		C.N. 888	3005	9076
		C.N. 896	3006	9077
		Early Wright	2103	9078
5303		_____	2081	9079
1344		Fortuna Check	—	9080

C.I.	T.S.	Variety	1931 No.	1932 No.
5249		—	2080	9081
1241		Vintula	2005	9082
1643		Honduras	2012	9083
1643	1611	Honduras	59	9084
1664	1616	—	60	9085
1664	2204	Honduras	64	9086
1664		Honduras	65	9087
5335		—	2086	9088
5310		—	2084	9089
1344		Fortuna Check	—	9090
2711		—	2030	9091
5205		—	2079	9092
2971		—	2039	9093
2711 3798		—	2049	9094
2717		—	2031	9095
2732		—	2032	9096
4866		—	2073	9097
4060		—	2054	9098
2733-1		—	2033	9099
1344		Fortuna Check	—	9100
3337		—	2043	9101
5374		—	2090	9102
1344		Fortuna	2102	9103
4966		—	2076	9104
2938		—	2037	9105
4603		—	2067	9106
51		Tokalon	2001	9107
3699		—	2047	9108
3880		—	2050	9109
1344		Fortuna Check	—	9110
4554		—	2064	9111
4559		—	2065	9112
4504		—	2061	9113
4450		—	2060	9114
5810		—	2096	9115
1726		—	2015	9116
6011		—	2099	9117
1206	8076	Delitus	87	9118
1206		Delitus	88	9119
1344		Fortuna Check	—	9120

-s, s, s⁺
-n, n, n⁺

C.I.	T.S. Variety	1931 No.	1932 No.						
193	—	2002	9/21						
2738	—	2034	9/22						
4191	—	2055	9/23						
2702	—	2029	9/24						
2962	—	2038	9/25						
2457	—	2024	9/26						
3212	—	2042	9/27						
4660	—	2069	9/28						
1779	Rexoro	2016	9/29						
1344	Fortuna Check	—	9/30						
1779	Rexoro	77	9/31						
2303	—	2022	9/32						
2322	—	2023	9/33						
2013	—	2019	9/34						
2632	—	2027	9/35						

Varieties received from E.C. Tullis for Disease Studies. (Originally from J.W. Jones)

5687	Akage	9/41	S						
6304	Aikoku	9/42	-n						
6346	Mubo Aikoku No. 22	9/43	S						
6435	Kameji	9/44	n						
6681	Fukui Shioda	9/45	-S						
6723	Mubo Aikoku	9/46	-S						
6782	Iyo Benkei No. 2	9/47	S						

Rice Submergence Test

Seed obtained from C. Roy Adair,
Rice Branch Exp. Sta.,
Stuttgart, Arkansas.

		Depth Planted	Date Planted	Dug Up	No. Days Buried	No. Kernels planted	No. Ger. in Field	No. Seeds recov- ered
Blue Rose Supreme			June 21	Oct. 4	105	100	0	0
"	"	Surface					0	0
"	"	1 inch					0	46
"	"	2 inches					0	95
"	"	3 inches					0	99
"	"	4 inches						
Red Rice							0	0
"	"	Surface					0	99
"	"	1 inch					0	100
"	"	2 inches					0	100
"	"	3 inches					0	100
"	"	4 inches					0	100

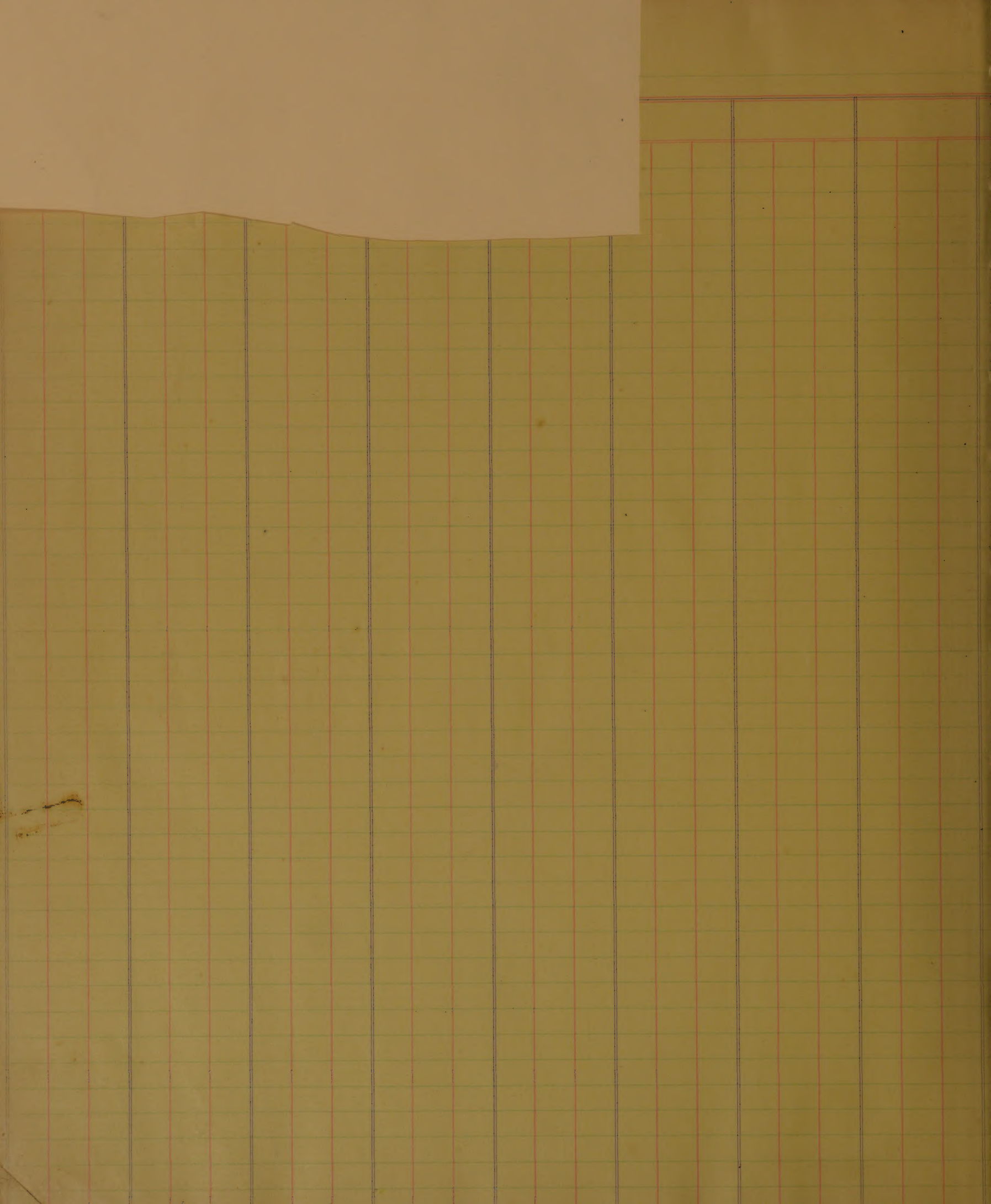
Remarks:

Seed obtained from C. R. Adair, Stuttgart, Ark.
Planted June 21, in wet soil. Soil was packed into clay
pots and seed deposited at depths listed above.
Pots were buried in water-covered soil so that top of
pot was even with surface of soil.

Planting Order







145/1 (36)
 90

Crosses made in 1932

Female		male	no kernels	
Naglampan	X	Blue Rose	6	harvested
"	X	" "	0	check
Rexoro	X	C.I. 5947	0	check
C.I. 6018	X	Rexoro	1	harvested, 1 wh kernel
do	X	do	0	check
C.I. 5947	X	Rexoro	4	harvested
Rexoro	X	C.I. 5810	0	check
Rexoro	X	5810	4	harvested, 1, broken
"	X	6011	0	check
"	X	Delitna (low 4200)	5	harvested, 1 destroyed
"	X	5094	1	harvested
Fortuna	X	Delitna	0	check
Fortuna	X	Early prolific	2	harvested
Edith	X	C.I. (Dwarf)	0	check
Caloro	X	C.I.	0	check
Rexoro	X	C.I. 5094	2	harvested
Rexoro	X	Fortuna	7	harvested
"	X	C.I. 6018	2	harvested 6 flowers were open when pollinated
"	X	C.I. 5094	5	harvested several flowers opened while pollinating
"	X	Supreme Blue Rose	9	harvested
"	X	C.I. 2702	0	check
"	X	C.I. 2702	1	Dried up
"	X	C.I. 2962	2	Dried up

9 misses
 14 good
 51 kernels

. 34 %

443

May

- Rex

C.I. 6

do

C.I. 59

Rex

Rex

"

"

"

Fortia

Fortia

Edith

Calvin

Rex

Rex

"

"

"

"

"

"

see

no

1200)

x Row no

9/25

9/24

390000

all four 6

330 ll.

5696

row 1
beginning

1 ft apart

2 ft apart

Row	pl	no pan	stand	glut
4902-1-1	0	46		
2	0	86		
3	1	23		
4902-2-1	4	43		
4902-3-1	1	51		
5-2	0	47		
-3	0	72		
4902-4-1	3	3	99	
-5	3	1	272	
-6	3	5	118	
-7	5	11	230	
-8	4	7	247	
-9	2	12	66	
-10	4	13	238	
-11	6	2	365	
-12	13	4	211	
-13	6	5	445	
-14	6	5	486	
-15	4	4	96	
-16	2	0	202	
-17	2	2	72	
-18	5	2	264	
-19	3	11	189	
-20	6	3	406	
-21	2	3	152	
-22	4	1	347	
-23	4	5	339	
-24	2	3	90	
-25	2	1	197	
-26	2	3	85	
-27	2	1	139	
-28	2	1	184	
-29	4	1	148	
-30	3	1	245	
-31	4	1	215	
-32	6	2	326	
-33	4	1	243	
34	5	2	193	
35	7	5	270	
36	3	2	257	
37	2	5	121	
38	4	8	216	

Row	pl	no pan	stand	glut
2904	1	3	1	221
2	6	5	330	
3	3	3	164	
4	3	3	265	
5	4	5	217	
6	3	5	244	
7	4	4	252	
8	3	3	239	
9	2	0	228	
10	4	8	297	
11	3	3	154	
12	6	5	463	
13	6	4	473	
14	2	1	75	
15	2	3	100	
16	4	4	182	
17	6	5	392	
18	2	2	89	
19	1	3	49	
20	2	1	214	
21	8	0	716	
22	3	3	174	
23	6	5	545	
24	4	7	262	
25	8	9	632	
26	3	8	173	
27	8	6	598	
28	5	4	440	
29	8	7	507	
30	4	5	278	
31	7	13	487	
32	3	3	185	
33	5	2	360	
34	6	5	498	
35	5	3	329	
36	7	1	638	
37	6	2	386	
38	4	1	285	
39	2	2	94	
40	6	1	540	
41	8	5	622	

6/388

8298

14200

8090
130
8220

180 8090

1.5870

160 13392 1.1870

12552

Mag

Rex

6

do

C.I. 59

Rex

Rex

"

"

"

Fortis

Fortis

Edith

Calvin

Rex

Rex

"

"

"

"

"

"

Row + Pl.	No Panicles	No Starchy	No Glut	Row + Pl.	No Panicles	No Starchy	No Glut.
4923-1	8	1	655	4927-1	21	8	1960
2	6	1	544	2	2	0	451
3	3	0	203	3	4	0	235
4	10	0	892	4	13	3	1080
5	10	5	1030	5	12	2	1005
6	8	5	847	6	24	7	2121
7	9	6	777	7	15	9	1445
8	6	1	534	8	7	2	575
9	10	2	807	9	20	6	1852
10	6	0	474	10	7	1	533
11	4	0	230	11	13	3	1039
12	15	1	1126	12	17	4	1643
13	3	0	212	13	15	7	1570
14	10	9	882	14	10	2	1048
15	10	3	871	15	11	3	1084
16	8	2	626	16	20	11	1827
17	4	0	330	17	14	1	1170
18	8	3	688	18	12	2	1045
19	7	7	502	19	16	4	1574
20	6	6	702	20	13	2	1258
21	7	0	602	21	8	0	631
22	9	3	741	22	19	1	1724
23	7	0	535	23	19	7	1713
24	9	3	671	24	10	2	770
25	6	0	497	25	14	1	1330
26	9	1	563		336	88	30,683
27	5	1	392				88
28	6	3	433				30771
		63	17,346				0.2970
		63					
			17,409				
			.36				88.070
			67.970				

see

no

(200)

Row no

9125

9124

290

Row 6

280

3696

Row 1

May

Rex

C.I. 6

do

C.I. 59

Rex

Rex

"

"

"

Fortin

Fortin

Edith

Calore

Rex

Rex

"

"

"

"

"

"

Grain Notes

1932 —

DAY BOOK

AND

1936 Controlled Day

Length Studies

Germination tests — 1933 seed for sowing 1934 tests

No.	Variety	70 Germ	Source					
1	Fortuna	93	93 Wyche	41	Edith	79	82	Mund. Pto. Zeddy
2	"	"	"	42	"	84		
3	Blue Rose	76	73 "	43	Caloro	82	85	
4	Early Prolific	70	"	44	"	88		
5	Rivoro	78	83 Repl plots	45	T. Fortuna	89	92	
6	"	87		46	"	94		
7	Shamed	66	62	47	l. Bl. Rose	90	75	since I RPN
8	"	59		48	" "	79		
9	Honduras	81	80	49	l. Bl. Rose	85	83	
10	"	79		50	"	81		
11	Early Prolific	71	73	51	Rivoro	83		Wyche
12	"	74						
13	T. Fortuna	76	78					
14	"	80						
15	Delitus	82	82					
16	"	82						
17	Lola	75	68					
18	"	61						
19	l. Blue Rose	63	65					
20	"	66						
21	Storm Proof	81	79					
22	"	76						
23	Colusa	57	58					
24	"	59						
25	Caloro	53	58					
26	"	62						
27	Edith	71	71					
28	"	70						
29	Blue Rose	72	Large plots					
30	"	75						
31	O.I. 2962	80	80					
32	"	80						
33	Nira	76	75					
34	"	73						
35	SW-10	87	84					
36	"	80						
37	Acadia	38	Repl plots					
38	"	45						
39	Lady Wright	74	74					
40	"	74						

Rice samples from Jodan
for sowing plot. Repl plots.

	1	2	av
Fortuna	96	98	97
Rivoro	97	96	97
Blue Rose	82	83	83
Edith	78	86	82

Daily notes recorded during 1934 season

Wednesday April 25th

lines I + II of group 1 RR nursery sown.

Thursday April 26th

Series III + IV group 1 RR.

" I, II, III + IV " 2 RR.

" I group 3 RR.

An extra Bl. Rose check appears after plot 88 in RR nursery
sown by mistake.

First 96 rows of hybrid rows (space sown)

All series of replicated field plot test sown in the
following order.

1	Colusa	170	51
2	Edith	139	49
3	Lady Wright	134	47
4	S W-10	118	43
5	Early Prolific	136	47
6	Storm Proof	125	43
7	Honduras	124	44
8	Shamrock	160	48
9	Delitus	121	41
10	Calao	170	51
11	Nira (2702)	132	45
12	Texas Fortune	127	43
13	Acadia	236	56
14	S. Blue Rose	152	49
15	Zola	145	47
16	Rexoro	119	40

4 guard plots between Bl. Rose and Zola in series 2.

1 " plot on north side of series 1.

Bulked-hybrid plots as follows:

- 1 321A
- 2 322A
- 3 323A
- 4 324A
- 5 Blue Rose x Carolina Gold
- 6 Imp. Blue Rose x Fortune
- 7 Long-grain x short-grain
- 8 " " x med. gr.
- 9 med-grain x short-grain

Plot 1 sown next to Rexoro in Series 2 repl. plot test

without guard plots

Friday April 27th (Bl Rose check)
Plot 105 omitted in all but first and last
sown:

Remainder M. R. P. nursery
through 1042 single nursery plots
" 720 hybrid rows

A rain of .18 inches put land in excellent condition (fell night of 27th)
Saturday April 28th

Sown:

Hybrids through 1360.

All of single three row plots and all series of single row
plots of Edith x Fortuna.

Fortuna check 1410 on third series omitted by mistake
Texas Edith () used as ^{Edith} check on first series and
1320 on second series. California Edith used as ^{Edith} check
on remainder.

Monday April 30th

Sown:

Date of harvesting test

Hybrids through 2325

Samples from grading office - 100

Panicle selections

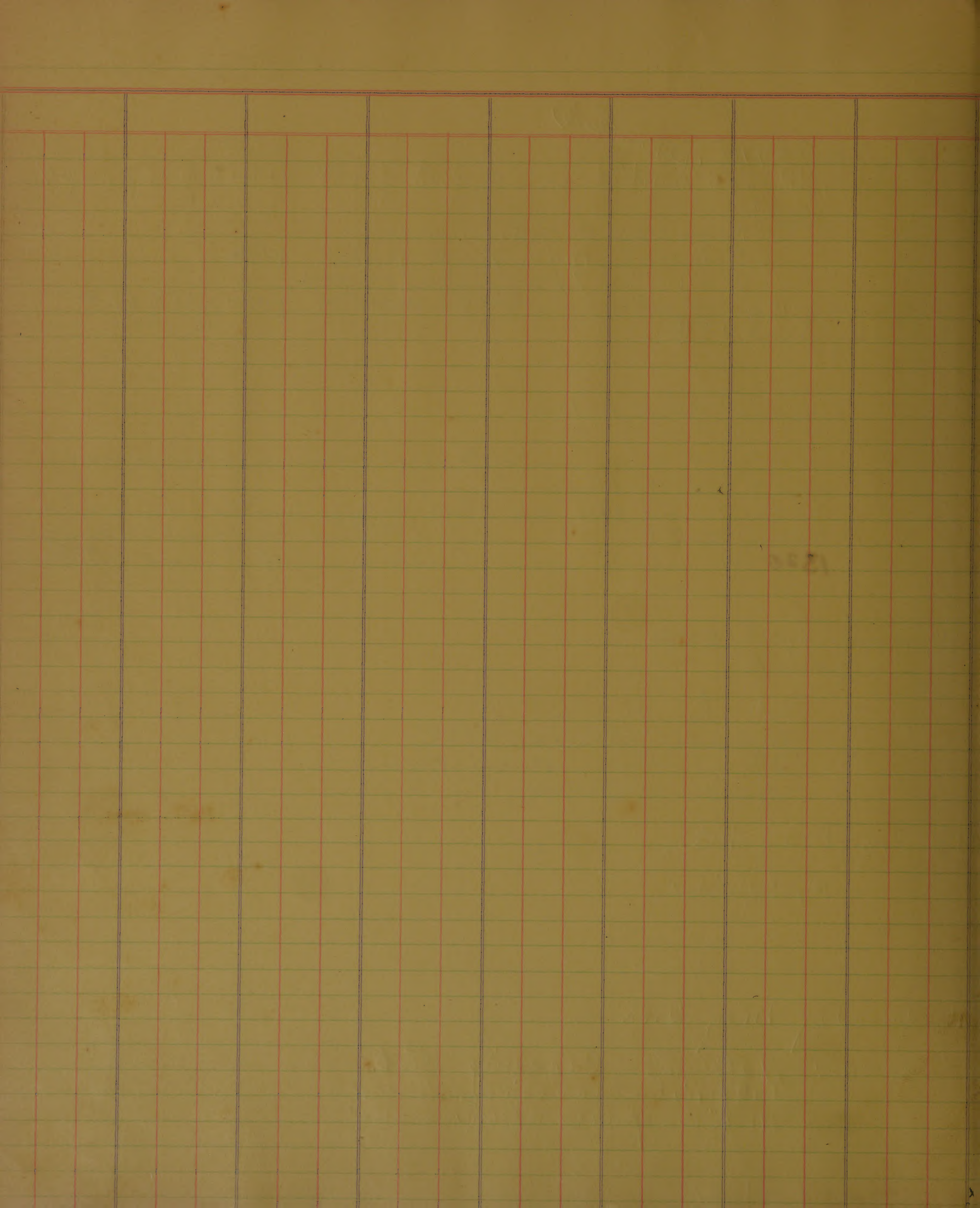
- 33

Tuesday May 1st

F, hybrids

Wednesday May 2nd

Sown: Natural - Crossing test.
Artificial - crossing block
Misc space sown rows



Thursday May 3th

Friday May 4th

Sown:

Blocks 1 to 4 of Plot technique study

Saturday May 5th

Sown; Blocks 5 to 8 of Plot technique study

Sunday May 7th

Sown:

All of Dr. Tullis' disease material
including 19 disease resistant varieties
from E. O. Tullis.

Length of row study, 40+ rows 40+ feet
long of Mexico sown, drill set at BC 6
12" spacing, germination, 83.

Seed of Spain Jap, Mochi Sel. x
Kandrayna Spain sown for making
selections from.

glutinous varieties Spain sown
isolated from common varieties.
Same plant selections used for seed
as was used for seedling culture of
of natural-crossing study, namely:

xx Asahi Mochi Sel. 6604-15

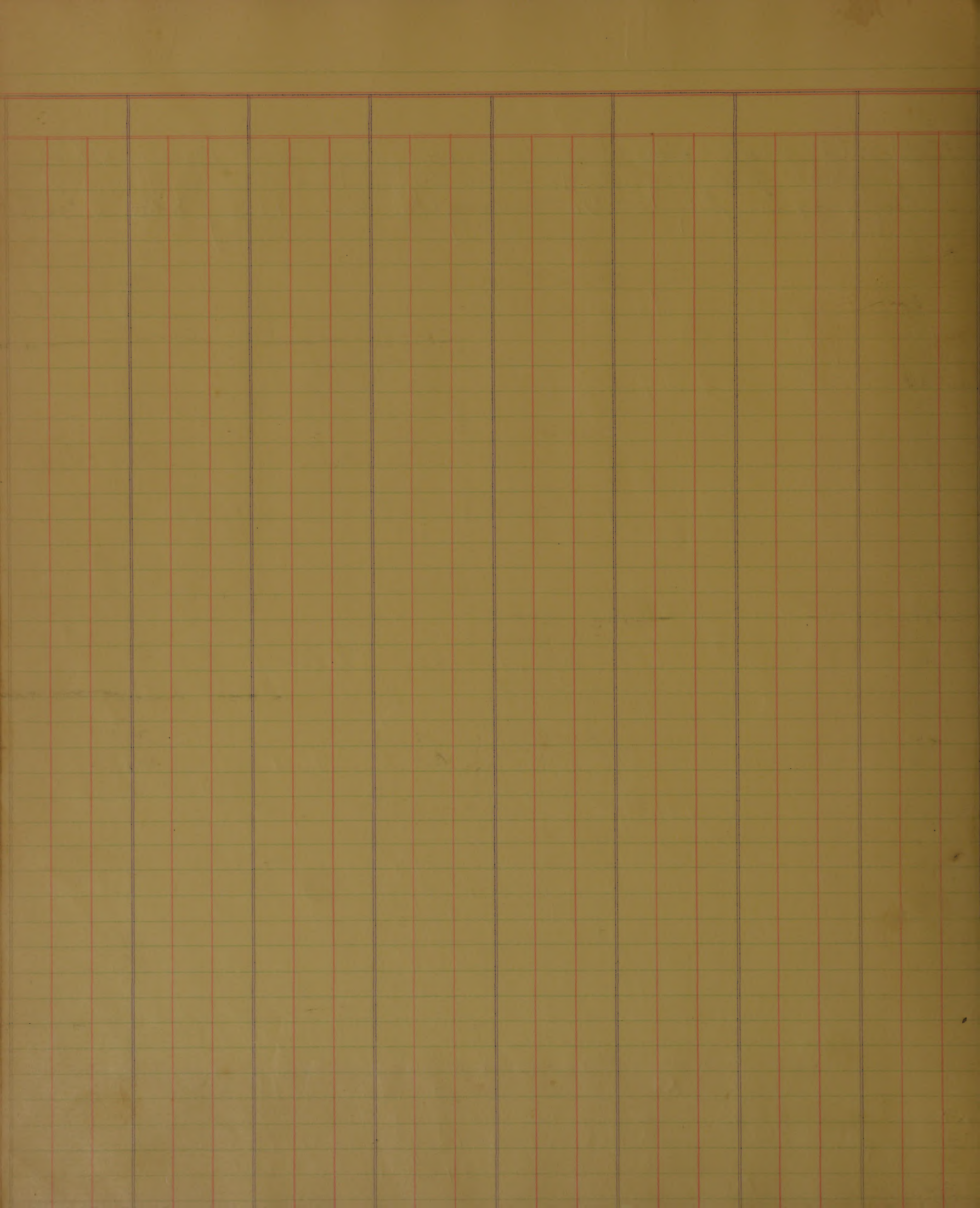
x C.I. No 5309 Sel. 6630-26

x C.I. No 3625 Sel. 6631-13

x C.I. No 5399 Sel. 6632-35

x These selections represent seed from single plant.

xx probably seed of a
single plant.



Monday May 14th

F₁ Hybrids + Parents Transplanted to Nursery. Each plant given 1sq. ft.

Pot No.	Row.			
41	1	Storm Proof	36	7689
42		"	44	Storm Proof
96			147	
98			149	
99			150	
102			151	
31		7482	155	
106			37	7689
46		Rexoro	45	Storm Proof
32		7482	163	
107			166	
109			167	
110			38	7689
111			168	
51		Fortuna	58	Delitus
56		Delitus	69	5947
112			173	
113			175	
33		7482	178	
115			39	7689
116			61	5810
117			184	
67		5947	187	
72		5094	188	
118			77	5094
120			189	
35		7482	190	
47		Rexoro	40	7689
121			53	Fortuna
122			194	
68			55	Fortuna
34		5947	92	Edith
77		7482	197	
125		Edith	199	
129			89	Quarf
132			201	
134			202	

Edith (95) + 87 + 88

F₁ plants

Rowd 111 followed by (52) Fortuna

Row 2 51 preceded by Delitus (57)
35 followed by 5094 (73)

Row 3. 47 preceded by 5947 (66)
149 followed by Storm Proof (43)

Row 4	150 preceded by	Delitus (39)
1	175 followed by	Delitus (60)

Row 5	178	preceded by	5810	(62)
	"	"	5810	(63)
	55	followed by	5094	(71)

Row 6 92 preceded by Edith (94)
94 " " " (95)
followed by 85 86, 70, 64 + 80

48

49

50

54

75

76

78

81

82

83

84

Thursday May 24

~~For seed sown in field in the following order:~~
~~followed last row of Octofield crossing block row 36~~

~~down on south side of June 10 site seeding block (north block)~~

South side 1. 7689 X 5947 {1+ rows}

2. 7482 X 5947 {1+ rows}

North side 3. 7689 X 5810 {1+ rows}

Blue Rose guard

~~to do~~ brown seed coat *Collegia glauca*

Nursery was flushed May 18+19

Plot technique etc. 5090 emerged from soil May 14.

Nursery watered 5/29, drained 6/2

Other tests (plots 5/28, " 6/1

Nursery weeded June 9 to 12

Plots weeded June 12 - 14

Flowering begun June 13.

Nursery trimmed June 11. —

All repl. variety plots + single ^{row} plots trimmed to 16 1/2 ft lengths —
date of harrow. test to 16 foot lengths.
Plot technique plots not to be trimmed until harvested.

Nursery flooded June 13

Plot technique June 14+15

Field plots June 14+15

Monday June 18

Dr. Tullis' H. aryzon plots inoculated, flooded last June.

June 21 —

Plants of 10 varieties for Art. Crossing were transplanted for covering.

5 plants representing 5 varieties planted in each drum.
duplicate drums of each group.

Friday June 22

F₁ hybrid plants from Washington arrived and planted in nursery.

Began covering plants to be used in artificial crossing work.

Tuesday July 31

Plants for artificial crossing purposes covered for last time.
Covered June 22 to July 31, inclusive or 40 days.

Row (8)	Row 2 (9)	Row 3 (10)	Row 4 (11)	Row 5 (12)	Row 6	Row 7
7482 1 2 P. 3 4	7482 1 X 5094 2 3	7482 1 X 1206 2 (Peleto) 3	7689 1 X 2 5094 3 4	7689 1 X 2 7689 1 X 2 7705 3 (H. Proof) 4 5		
1779 X 7482 1 2 Row 3 3 4	7482 X 1 5947 2 3	7689 X 1 1344 2 3 4	7689 1 2 P. 3 4 5			
F1 8 1779 X 5094 7482 1 2 3	7482 X 1 F1 1779 X 2 5810	7689 X 1 1600 (edging)	7689 1 2 3 4 5			
7482 1 X 7705 2 (H.P.) 3 4 5	7482 X 1 1344 2 (Foot) 3 4 5 6	7689 X 1 5947 1 1779 (Red) 1 7689 1	7689 1 X 2 2127 3 edging			
		7689 1 X 2 5810 3 4 5				

Transplanted June 22

Monday July 9
Nursery + repl. field plots drained.

Monday July 16
Nursery + other tests flooded.

Nursery drained after all varieties (last
Rep or + those of similar maturity) had matured
End of 1934 Daily notes

$$\begin{array}{r} 21.20 \\ 5 \overline{) 106} \\ \underline{100} \\ 60 \end{array}$$

	3	2 1/2	2
44 T. mt	68	60	58
	<u>66</u>	<u>61</u>	<u>59</u>

Fortuna ✓

44.5 T. mt.

Rexov.

48.

64.5 62
 65 63
 ✓

TW
 44

Calusa

63.5 62
 64. 62
 ✓

Final Drill Settings Technique Study

Grain per row	Revero	Fortuna	Calao	adjusted for ego germination (grain per row)	Blue Rose
5.3	4 1/2 R	2 R	5 R	6	4 3/4 R
7.1	4 R	5/6 R	4 3/4 R	8	3 1/2 R
8.9 + 9.4	3 3/4 R	4/6 L	3 3/4 R	10 - 10.7	2 5/4 R
10.6 + 11.8	2 4/6 R	2 R	2 4/6 R	12 - 13.3	2 R
14.2 + 14.8	1 1/2 R	5/6 R	1 3/4 R	16 - 16.7	1/2 R
17.7	1/2 R	4/6 L	4/6 R	20.	1/2 L
21.2	5/6 L	1 1/4 L	1/2 L	24	2 L

11 mixture of dead + viable seed 1/2 + 1/2

70

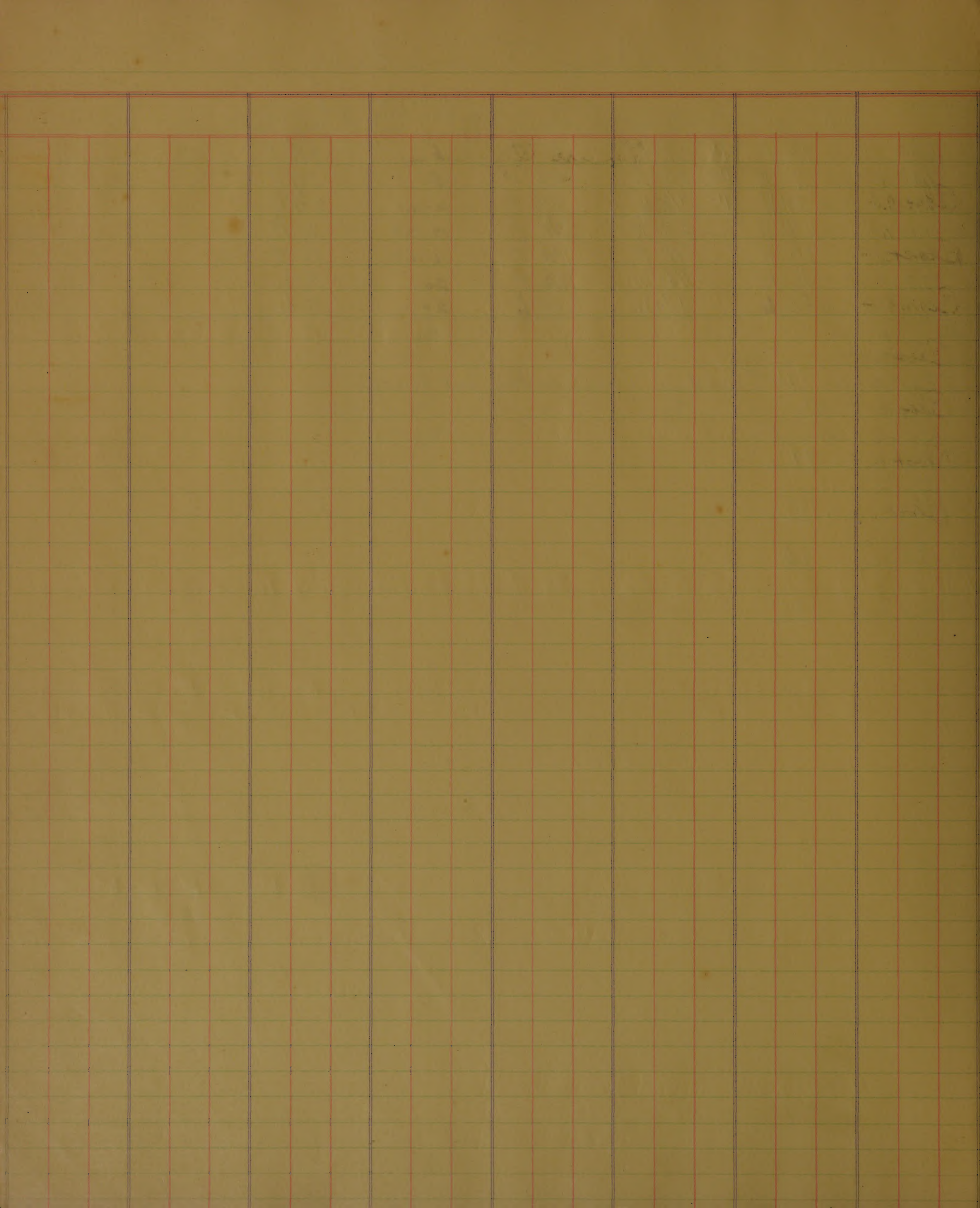
germination

Revero 94

Calao 97

Fortuna 96

Blue Rose 85



Village Operations

Block No. 231-335 ———

Block No. 236-340Z ———

Block No. 226-330 ———

Block No. 616-720 ———

Block No. 621-725y ———

Block No. 431-535 ———

Block No. 436-540Z ———

29
30
31
32
33
34
35
36
37
38
39
40

	1	108 x 3			41 ⁽⁹⁾	6 x 5 Shoenud x Nira	
	X 2	✓			42	✓	
	3	✓			43	✓	
	4	✓			X 44	✓	
	5	✓			X 45	✓	
	6	✓			46 ⁽¹⁰⁾	7 x 5 Ruxox x Nira	
	7	✓			X 47	✓	
2	X 8	3 x 109	Fortuna x 81C		X 48 ⁽¹¹⁾	5 x 108 Nira x Caloro	
	9	✓			X 49	✓	
	10	✓			50 ⁽¹²⁾	8 x 5 Caloro x Nira	
	11	✓			51	✓	
	X 12	✓			52 ⁽¹³⁾	5 x 109 Nira x 81C	
	X 13	✓			53	✓	
	X 14	✓			54	✓	
	X 15	✓			X 55	✓	
	16	✓			56	✓	
	X 17	✓			57 ⁽¹⁴⁾	209 (81C) x Shoenud	
3	X 18	305 x 104	Nira x Kamiji		58	✓	
	19	✓			59	✓	
4	20	106 x 204	Shoenud x Kamiji (weak)		60	✓	
	X 21	✓			61	✓	
5	X 22	208 x 4	Caloro x Kamiji		X 62 ⁽¹⁵⁾	306 x 208 Shoenud x Caloro	
	X 23	✓			63	✓	
	24	✓			64	✓	
	25	✓			65 ⁽¹⁶⁾	208 x 7 Caloro x Ruxox	
	26	✓			66	✓	
	X 27	✓			X 67	✓	
	28	✓			68	✓	
	29	✓			69	✓	
	30	✓			70 ⁽¹⁷⁾	108 x 109 Caloro x 81C	
6	31	309 x 104			71	✓	weak
7	32	104 x 109	Kamiji x 81C		X 72 ⁽¹⁸⁾	307 x 10 Delitia x T.S. 7190	
	33	✓			73	✓	
8	34	104 x 109	Kamiji x 81C		74	✓	
	X 35	✓			75	✓	
	36	✓			76	✓	
	X 37	✓			X 77	✓	
	38	✓			X 78 ⁽¹⁹⁾	10 x 2 T.S. 7190 x Imp. Blue Rose	
	39	✓			X 79	✓	
	40	✓			X 80 ⁽²⁰⁾	10 x 3	

X81	(20)	10x3	T.S. 7190 x Fortune		121	2
82	(21)	10x4	T.S. 7190 x Kameji (white)		122	✓
83	✓		(elite in emerging) weak		123	3
84	(22)	10x4	310 - Kameji x T.S. 7190		124	✓
85	(23)	10x4	310 - Kameji x T.S. 7190 weak		125	✓
86	✓				126	✓
87	✓		weak		127	✓
X88	✓				128	4
X89	✓				129	✓
X90	✓				130	✓
X91	✓				131	✓
92	(24)	10x5	10 x 7190		132	✓
93	(25)	10x7	T.S. 7190 x Rexoro		133	104
X94	✓				134	✓
95	✓				135	✓
96	✓				136	✓
X97	✓				137	✓
98	✓				138	204
X99	✓				139	✓
100	✓		weak		140	✓
101	(29)	10x8	T.S. 7190 x Calao weak		141	✓
X102	✓		weak		142	✓
X103	(30)	11x9	(10?) 810 x 7190		143	105
X104	✓				144	✓
105	✓		weak		145	✓
106	✓		OK		146	✓
107	✓		weak		147	✓
108	✓		OK		148	305
109	✓		X		149	✓
110	(31)	2x109	Imp Blue Rex x TIC X		150	✓
111	✓		weak		151	✓
112	blank				152	✓
113	301				153	6
114	✓				154	✓
115	✓				155	✓
116	✓				156	✓
117	✓				157	✓
118	2				158	106
119	✓				159	✓
120	✓				160	✓

✓ dead 5/20

ng = normal green
lg = light green

161	106		201	309				
162			202	✓				
163	306		203	10				
164			204	✓				
165	✓		205	✓				
166	✓		206	✓				
167	✓		207	✓				
168	7		208	310				
169	✓		209	✓				
170	✓		210	✓				
171	✓		211	✓				
172	✓		212	✓				
173	8		213	✓	Chloro def. A	lg	✓	
174	✓		214	✓		"	✓	
175	✓		215	✓	white	"	✓	
176	✓		216	✓		"	ml	✓
177	✓		217	✓		"	ml	
178	108		218	✓		"	✓	
179	✓		219	✓		"	✓	
180	✓		220	✓		"	✓	
181	✓		221	✓		"	✓	
182	✓		222	✓		"	✓	
183	208		223	✓		"	✓	
184	✓		224	✓		"	✓	
185	✓		225	2	Chloro def A	ng		
186	✓		226	✓	white	"		
187	✓		227	✓	emerged - dead 5-13			
188	109		228	✓		lg	✓	
189	✓		229	✓		ng		
190	✓		230	3	Chloro def A	gem - dead 5-13		
191	✓		231	✓	white	lg	✓	
192	✓		232	✓		lg	✓	
193	209		233	✓		"	✓	
194	✓		234	✓		"	✓	
195	✓		235	✓		"	✓	
196	✓		236	✓		"	✓	
197	✓		237	✓		"	✓	
198	309		238	✓		"	✓	
199	✓		239	✓		"	✓	
200	✓		240	✓		"		

? not emerged 5-11

241	3	Chloro def A	germ - dead 5-11	281	6	Chloro def. A	ng
242	✓		emerged - Lg - dead 5-11	282	✓		ng
243	4	Chloro def A	Lg. emerged - (weak)	283	✓		Lg. weak
244	✓	green	ng	284	✓		"
245	✓		ng	285	✓		"
246	✓		germ. failed to emerge	286	✓		"
247	✓		do	287	✓		ng
248	✓		failed to germinate	288	✓		"
249	✓		ng	289	✓		Lg
250	✓		ng	290	✓		ng
251	✓		"	291	✓		Lg
252	✓		"	292	✓		ng
253	✓		ng	293	7 white	Chloro def A	Lg
254	✓		ng	294	8	Chloro def A	? germinated but failed to emerge
255	✓		"	295	✓		ng
256	✓		"	296	✓		"
257	✓		"	297	✓		"
258	✓		failed to germinate	298	✓		"
259	5	Chloro def A.	Lg	299	✓		"
260	✓	green	ng dead 5/21	300	✓		"
261	✓		Lg	301	✓		"
262	✓		Lg	302	✓		germ - dead 5-11
263	✓		Lg	303	✓		ng
264	✓		Lg	304	✓		ng
265	✓		germinated but failed to emerge	305	✓		"
266	✓		do	306	✓		"
267	✓		Lg	307	9	Chloro def A	? germinated, failed to emerge
268	✓		germ - dead 5-11	308	✓		Lg
269	✓		Lg 13-24	309	✓		Lg
270	✓		Lg 15-24	310	✓		Lg
271	✓		failed to germinate	311	✓	15-24 ?	emerged late color not determined
272	✓		Lg	312	✓		Lg
273	✓		ng weak	313	✓		germ - dead 5-11
274	✓		Lg	314	✓		Lg
275	6	Chloro def. A.	ng	315	✓		"
276	✓		ng	316	✓		" weak
277	✓		ng	317	✓		"
278	✓		ng	318	✓		"
279	✓		? color not determined	319	✓		" weak
280	✓		? failed to germinate	320	✓		"

321	9	Chloro def. A	Lg weak ✓
322	✓		Lg weak. 5-24 ✓
323	10	Chloro def. B	" weak. ✓
324	✓		? not recovered, did not emerge
325	✓		Lg ✓
326	✓		" ✓
327	✓		" dead 5-11 (weak)
328	✓	germ. failed to emerge	
329	✓	do	
330	✓		Lg ✓
331	✓	germinated, failed to emerge	
332	✓	do	
333	✓	not recovered	
334	✓		Lg ✓
335	✓		" ✓
336	✓		" ✓
337	✓		" (weak)
338	✓		" (weak)
339	11	Chloro def. A	ng
340	✓	germinated, failed to emerge	
341	✓		ng
342	✓		"
343	✓		"
344	✓		"
345	✓	failed to recover	
346	✓		ng
347	✓	germinated - failed to emerge	
348	✓		ng weak
349	✓	germinated - failed to emerge	
350	✓		ng
351	✓		"
352	✓	germinated - failed to emerge	
353	12	Chloro def. A	Lg ✓
354	✓		" ✓
355	✓		" weak ✓
356	✓		" ✓
357	✓		" weak ✓
358	✓	germinated - failed to emerge	
359	✓	do	
360	✓	do	

361	12		Lg ✓
362	✓		" weak ✓
363	✓	failed to recover	
364	✓		Lg. ✓
365	13	Chloro def. A germinated, failed to emerge	
366	✓	failed to germinate	
367	✓		ng
368	✓		Lg ✓
369	✓		ng ✓
370	✓		Lg ✓
371	✓	germinated, failed to emerge	
372	✓		ng
373	✓		Lg ✓
374	✓		ng
375	✓		"
376	14	Chloro def. A	Lg ✓
377	✓		" ✓
378	✓	germinated, failed to emerge	
379	✓	emerged late	Lg
380	✓	germinated - failed to emerge	
381	✓		Lg ✓
382	✓	germinated failed to emerge	
383	✓		Lg weak
384	15	Chloro def. A	Lg
385	✓	germinated, failed to emerge	
386	✓	do	
387	✓		Lg weak ✓
388	✓		Lg ✓
389	✓	emerged late	Lg ✓
390	16	Chloro def. A	Lg emerged late
391	✓		Lg ✓
392	✓		" ✓
393	17	Chloro def. A	" ✓
394	✓		" ✓
395	✓		" ✓
396	✓		" ✓
397	1	Chloro def. B	" ✓
398	✓		" ✓
399	✓		ng
400	✓		emerge. dead 5-11

Seasonal Conditions

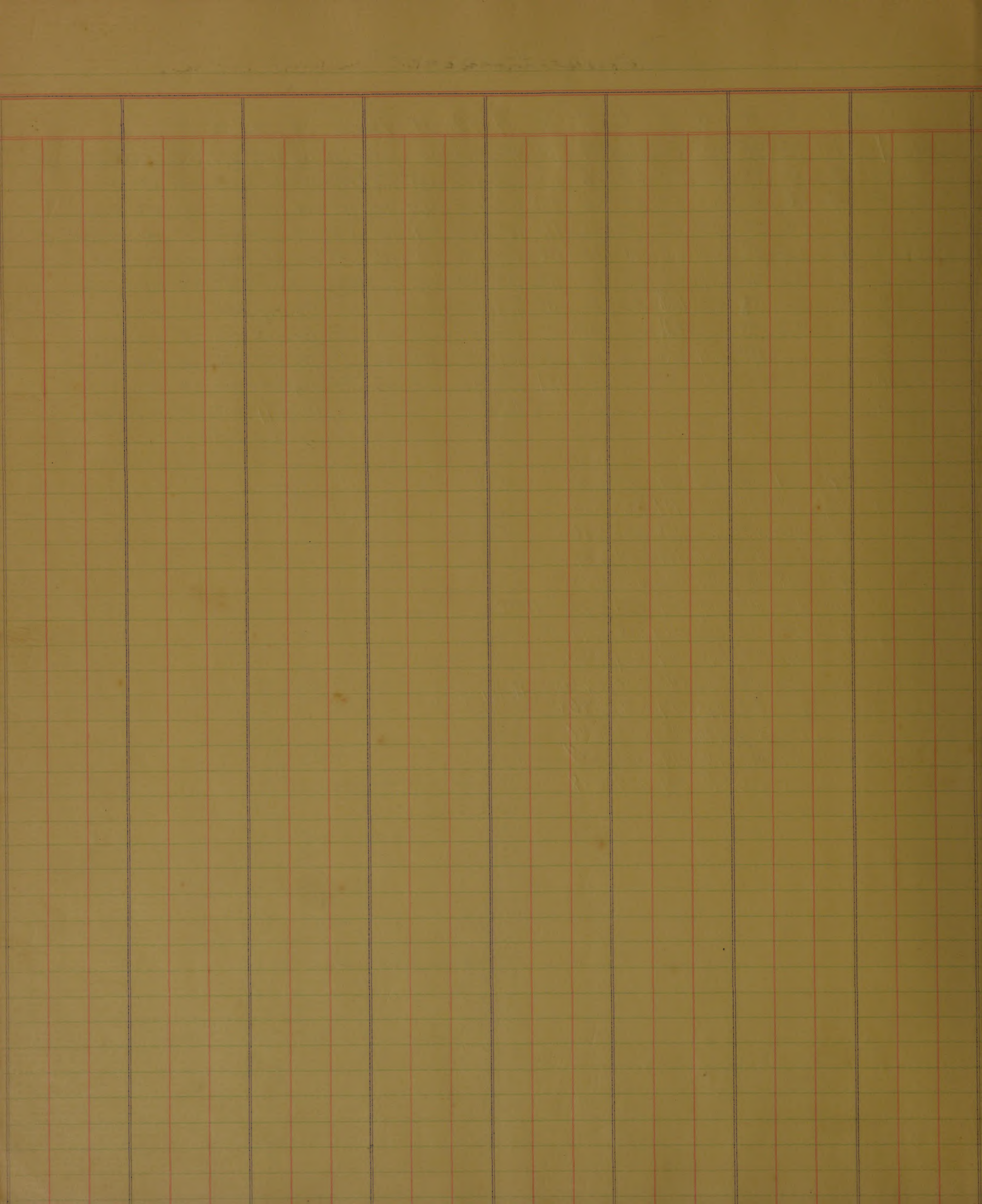
401	✓	Chloro def B	Lg ✓	441	5	Chloro def B	P failed to germinate
402	✓		Lg ✓	442	✓		ng
403	✓	germinated - failed to emerge		443	✓		P failed to germinate
404	✓	emerged 5/23	P	444	✓		ng
405	✓		Lg weak ✓ 5/24	445	✓		"
406	✓		" ✓	446	✓		"
407	✓	emerged - dead 5-11 no root		447	✓		"
408	2	Chloro def B	ng	448	✓		P failed to germinate
409	✓		"	449	✓		ng
410	✓		"	450	6	Chloro def B	P failed to germinate
411	✓		"	451	✓		P do
412	✓	failed to germinate		452	✓		Lg ✓
413	✓	emerged - dead 5-11 (no root)		453	✓		P failed to germinate
414	3	Chloro def B	P germinated	454	✓		P emerged late ✓
415	✓		ng	455	✓		Lg ✓
416	✓		"	456	✓		" ✓
417	✓		"	457	✓		" ✓
418	✓	germinated - failed to emerge		458	✓		" ✓
419	✓		ng	459	✓		Lg weak ✓
420	✓		"	460	✓		P failed to germinate
421	✓		"	461	7	Chloro def B	ng
422	✓		"	462	✓		"
423	✓		"	463	✓		"
424	✓	emerged - dead 5-11		464	✓		"
425	4	Chloro def B	Lg ✓	465	✓		"
426	✓		" ✓	466	✓		"
427	✓		" ✓	467	✓		"
428	✓		ng	468	✓		"
429	✓		Lg ✓	469	✓		"
430	✓		" ✓	470	✓		"
431	✓		" ✓	471	✓		"
432	✓		" ✓	472	✓		"
433	✓		ng	473	✓		"
434	✓	germ. failed to emerge		474	✓		P emerged late
435	✓	do		475	✓		ng (weak)
436	✓		Lg ✓	476	✓		germinated - failed to emerge
437	5	Chloro def B	ng (weak)	477	✓		ng
438	✓	failed to recover		478	8	Chloro def B	Lg ✓
439	✓	emerged - dead 5-11		479	✓		ng
440	✓	failed to recover		480	✓		Lg ✓

481	8	chloro def. B.	Sg	✓		521	11	chloro def. B	Ng	
482	✓		"	striped leaves		522	✓		"	
483	✓		"	✓		523	✓		"	
484	✓		"	✓		524	✓		"	
485	✓		"	✓		525	✓		P	germinated failed to emerge
486	✓	germinated - failed to emerge	P			526	✓		Ng	
487	✓		Sg	✓	15-24	527	12	chloro def. B	"	
488	✓		"	✓		528	✓		"	
489	✓		"	✓		529	✓		"	
490	✓		"	(weak)	✓	530	✓		"	
491	9	chloro def. B	Ng			531	✓		"	
492	✓		"			532	✓		"	
493	✓	germinated failed to emerge	P			533	✓		"	
494	✓		Ng			534	✓		"	
495	✓		"			535	✓		"	
496	✓		"			536	✓		"	
497	✓		"			537	13	chloro def. B	P	germinated failed to emerge
498	✓		"			538	✓		P	do
499	✓		"			539	✓		Ng	
500	✓		"			540	✓		"	
501	✓		"			541	✓		"	weak
502	✓		P	failed to recover		542	✓		Sg	striped died 5/31
503	✓		P	do		543	✓		"	striped
504	✓		Ng			544	14	chloro def. B	Ng	
505	10	chloro def. B	Sg	✓		545	✓	(2 seeds sown)	"	both Ng
506	✓		P	germinated failed to emerge		546	✓		"	
507	✓		Ng			547	✓		Ng	emerged late
508	✓		P	failed to recover		548	✓		Ng	
509	✓		Sg	✓		549				
510	✓		P	emerged late		550				
511	✓		Sg	✓		551				
512	✓		"	✓		552				
513	✓		P	germinated failed to emerge		553				
514	✓		Sg	✓		554				
515	✓		"	✓		555				
516	11	chloro def.	P	failed to germinate		556				
517	✓		Ng			557				
518	✓		"			558				
519	✓		"			559				
520	✓		P	failed to emerge		560				

Watering Dates.

plant no	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
1	1	10	30	41	56	66	84	101	122	135	147	158	169	181	197	225	255	292	339
2	3	11	31	42	57	68	85	106	123	138	149	159	171	183	198	226	256	295	341
3	4	16	32	43	58	69	86	108	125	139	150	160	172	184	199	229	257	296	342
4	5	19	33	46	59	70	92	113	126	140	151	161	173	185	200	243	275	297	343
5	6	24	34	50	60	71	93	114	127	141	152	162	174	187	201	244	276	298	344
6	7	25	36	51	61	73	95	116	128	142	153	163	176	189	202	245	277	299	346
7	9	26	38	52	63	74	96	118	129	143	154	164	177	190	207	249	278	300	348
8		28	39	53	64	75	98	119	130	144	155	165	178	191	208	250	281	301	350
9			40	54	65	76	100	120	131	145	156	166	179	192	209	251	282	303	351
10								121	132	146	157	167	180	194	210	252	287	304	367
11														195	211	253	288	305	372
12															212	254	290	306	

	20	21	22	23	24	25	26
1	374	421	461	475	497	522	535
2	375	422	462	474	498	523	536
3	399	423	463	475	499	524	539
4	408	428	464	477	500	526	540
5	409	433	465	477	501	527	542 (stripped)
6	410	437	466	482	504	528	543. stripped
7	411	442	467	491	507	529	544
8	415	444	468	492	513	530	545 (both in 1 square)
9	416	445	469	493	517	531	545a
10	417	446	470	494	518	532	548
11	419	447	471	495	519	533	547
12	420	449	472	496	521	534	548



Flat #1

down April

Flat #1 (continued)

Seeding No	Hybrid No	Cross	Seeding No	Hybrid No	Cross
22A	3522A	C.I. 6121-3 x C.I. 5309	4P 4		Storm Proof, Parent
22B 13		do	5		do
4th row 11		do	6		do
7		do	7		do
23A	3523A	C.I. 3212 x Blue Rose	8		do
3		do	6P 9		283A 2-3, Parent
		do	10		do
		do	11		do
4		do	12		do
		do	13		do
		do	7P		Latex, Parent
		do	Row 6 1		do
5		do	2		do
6		do			do
	3523B	do	3		do
		do	8P 4		314A 8-2-3-2, Parent
7		do	5		do
		do	6		do
		do	7		do
8		do	8		do
		do	9P 9		2916A 7-3-2, Parent
9		do	10		do
23B		do			do
24		C.I. 3212 x C.I. 1645			do
	3524A	do			do
26		C.I. 3212 x C.I. 4074			do
10		do	10P 11		2916A 31-5-2, Parent
27		C.I. 1561-1 x C.I. 1962	12		do
		do	13		do
		do	Row 7 1		do
		do	2		do
	3525A	do	12P 3		2916A 10-4-2, Parent
28		C.I. 5810 x C.I. 5173	4		do
H		do	5		do
		do	6		do
		do	7		do
3P 12		Vintula Parent	13P 8		C.I. 1963, Parent
13		do	9		do
5th row 1		do	10		do
2		do	11		do
3		do	12		do

Note

13 plants in row 7, all of Flat #1

Don April 30

Flat #2 (Parental Material)

Seedling Row No			Row ID		
1 14P	C.I. 5810, Parent		28P1	C.I. 5810, Parent	
2	do		2	do	
3	do		3	do	
4	do		4	do	
5	do		5	do	
X	do			do	
6 15P	do		21P6	C.I. 5398, Parent	
7	do		7	do	
8	do		8	do	
X	do		9	do	
9 16P	C.I. 4011, Parent		10	do	
10	do			do	
11	do			do	
12 18P	C.I. 5398, Parent		29P11	Karmaji, Parent	
13	do		X	do	
14	do		12	do	
15	do		X	do	
	do		X	do	
	do		X	do	
	do			do	
	do			do	
Row 4			Row 13		
1 19P	do		10P 1	314A 8-2-3-1, Parent	
2	do		X	do	
3	do		2	do	
4	do		3	do	
5	do		4	do	
	do		5	do	
	do			do	
6 23AP	C.I. 3212, Parent		31P 46	Blue Rose, Parent	
X	do		67	do	
7	do		78	do	
8	do		89	do	
9	do		910	do	
10	do		X	do	
	do			do	
11 26P	do		7143	C.I. 7143, Parent	
12	do		X	do	
13	do		11	do	
14	do		X	do	
15	do		12	do	
	do		13	do	

152A2

1035 9/11/206

born April 30

Flat #2 (continued)

Flat #3 (Parental Material)

Row	Seeding No.	
1	4700	C.I. 4700, Parent
2		do
3		do
4		do
5		do
6		do
7		do
8		do
9		do
10		do
11		do
12		do
13		do
14		do
15		do
16		do
17		do
18		do
19		do
20		do
21		do
22		do
23		do
24		do
25		do
26		do
27		do
28		do
29		do
30		do
31		do
32		do
33		do
34		do
35		do
36		do
37		do
38		do
39		do
40		do
41		do
42		do
43		do
44		do
45		do
46		do
47		do
48		do
49		do
50		do
51		do
52		do
53		do
54		do
55		do
56		do
57		do
58		do
59		do
60		do
61		do
62		do
63		do
64		do
65		do
66		do
67		do
68		do
69		do
70		do
71		do
72		do
73		do
74		do
75		do
76		do
77		do
78		do
79		do
80		do
81		do
82		do
83		do
84		do
85		do
86		do
87		do
88		do
89		do
90		do
91		do
92		do
93		do
94		do
95		do
96		do
97		do
98		do
99		do
100		do

Seeding No.		
1645	6	C.I. No 1645, Parent
	7	do
	8	do
	9	do
	10	do
	11	do
	12	do
	13	do
	14	do
	15	do
	16	do
	17	do
	18	do
	19	do
	20	do
	21	do
	22	do
	23	do
	24	do
	25	do
	26	do
	27	do
	28	do
	29	do
	30	do
	31	do
	32	do
	33	do
	34	do
	35	do
	36	do
	37	do
	38	do
	39	do
	40	do
	41	do
	42	do
	43	do
	44	do
	45	do
	46	do
	47	do
	48	do
	49	do
	50	do
	51	do
	52	do
	53	do
	54	do
	55	do
	56	do
	57	do
	58	do
	59	do
	60	do
	61	do
	62	do
	63	do
	64	do
	65	do
	66	do
	67	do
	68	do
	69	do
	70	do
	71	do
	72	do
	73	do
	74	do
	75	do
	76	do
	77	do
	78	do
	79	do
	80	do
	81	do
	82	do
	83	do
	84	do
	85	do
	86	do
	87	do
	88	do
	89	do
	90	do
	91	do
	92	do
	93	do
	94	do
	95	do
	96	do
	97	do
	98	do
	99	do
	100	do

Down
April 30

Chlorophyll Deficient Panicles (See individual Panicle diagrams)

Flat #3 (continued).

No.	No seeds	Description of Branch (color)	color of seedlings		
			Green	white	Stripped
543-1-1			Row 19 1 + 2	2	14
2				0	10
3			(3-4-5-6)	4	9
4			(8-9-10-11-12-13-14-15)	6	1
5			Row 20 (1-2-3-4-5-6-7-8)	0	19
6				0	12
7			14	1	8
8			9-10-11-12	3	4 (12-13) 2
9				0	5
10				0	4
11				0	3
12			Row 21 (1)	1	(2) 1
13			(3-4)	2	2

no seeds, not recorded

14

9-10-11-12

Samapil 32

Flat #4
(Chlorophyll Deficient)

No	No Seeds	Description of Branch	Row	Color of 2/ Green	Seedlings White	Stripped
543-2-1	3	green & white		(5) 1	2	
2	8	white		.	7	
3	12	white, little green			10	
4	15	white & green		(6) 1	12	(7) 1
5	3	white			3	
6	17	white & green		(8)(9) 2	15	
7	3	white			3	
8	19	white, trace green			17	
9	10	white			10	
10	12	white			11	
11	9	white, trace green		(10-11-12) 3	6	
12	10	white, trace green			9	
13	10	white, trace green			9	
14	3	white trace green			3	
15	6	white			5	
16	3	white & green			3	

Exon:
April 20

Flt #4 (continued)

No	No. Seeds	Description of Branch	Color of		Seedlings Stripped
			Green	White	
543-3-1	6	white, trace green	0	0	0
2	0	white			
3	15	white, trace green	0	9	0
4	10	do		2	
5	15	do		9	
6	15	do		10	
7	11	do		6	
8	13	do		9	
9	7	do		6	
10	7	do		8	
11	6	do		5	
12	5	do		3	
13	5	do		4	
14	6	do		6	
15	5	do		4	
16	3	do		2	
17	6	do		3	
18	3	do		2	

from April 30

Flat #4 (continued)

No	No Seeds	Description of Branch	Color of seedlings		
			Green	White	Stripped
542-1-1	5	White		4	
2	5	do		5	
3	6	do		6	
4	2	do		2	
5	4	do		4	
6	3	Green + White		2	
7	5	White		5	
8	2	do		2	
9	1	do		1	
10	1	do		1	

Lowri.
April 30

7/1 at #5

No	No. Seeds	Description of Branch	Color of Seedlings		
			Green	White	Stripped
542-2-1	2	white		1	
2	5	do		4	
3	6	do		2	
4	8	do		8	
5	5	do		5	
6	8	do		6	
7	5	white, trace green		5	
8	3	white		3	
542-3-1	15	white		11	
2	17	white, trace green at base		13	
3	15	white		13	
4	15	white, may have trace green at base	1 Row ²² (1)	13	
5	12	green, bl. trace white	8 (2-9)	2	(10)1
6	15	white	0	14	
7	14	white		11	
8	13	white with some green	1 (11)	10	
9	10	white, may have trace green	0	8	
10	8	white; bl. trace green	1 (12)	6	
11	6	white.		6	

glutinous Common ^{path} Cross No. 1.

Common seeds

Row 15

6

7

8

9

10

11

12

13

14

Row 16

1

2

3

4

5

6

7

8

9

10

11

12

13

Row 17 glutinous Seeds

1

2

3

4

5

6

7

8

9

10

11

12

13

Row - glutinous continued

1

2

3

4

5

6

7

8

9

10

11

12

6995				Caloro				Fortuna				4700				Kameji				
Nt	Length	Tail	Pan	Nt	Length	Tail	Pan	Nt	Length	Tail	Pan	Nt	Length	Tail	Pan	Nt	Length	Tail	Pan	
35	7.5	4	4	40	8	5	5	52	12	2	2	45	9.5	2	2	42	8.5	3	3	
34	6.5	3	3	41	9	2	2	46	11	1	1	53	11	5	5	41	8	2	2	
33	7.0	3	3	36	7	1	1	42	9.5	2	2	54	11	5	5	42	7.5	4	4	
10.2	3.6	10	10	39	7.5	2	2	45	12	1	1	49	9	2	2	44	8	4	4	
3				39	9	4	4	46	12	2	2	52	10	4	4	40	8	2	2	
16001	34	7	3.3	3.3	19.5	40.5	14	14	45	10	3	3	52	10	5	5	43	8	4	4
Not Covered				5				43	11	4	4	48	9	2	2	43	8.5	2	2	
				39	8.1	2.8	2.8	37	77.5	15	15	52	10	5	5	39	8.5	4	4	
								7				45	9	6	6	33.4	65.0	8.5	2.5	
								45.6	11.1	2.1	2.1	45.6	8.75	36	36	8				
												9				41.8	8.1	3.1	3.1	
												50	9.8	4	4					
				3				1				9				8				

all figures are checked

Imp Blue Race				Rexro				81C				Tina				Shoemud			
Ht	Length	Tail	Pan	Ht	Length	Tail	Pan	Ht	Length	Tail	Pan	Ht	Length	Tail	Pan	Ht	Length	Tail	Pan
46	10	5	5	42	9	2	2	44	10	10	9	53	12	3	3	45	10	10	8
48	9	3	2	47	12	1	1	41	8.5	4	4	51	12	2	2	37	10	1	1
45	9	5	5	41	9	2	2	41	8	4	4	51	12	1	1	43	9	2	2
48	10	2	2	45	12	2	2	45	10	4	4	51	12	1	1	42	10.5	3	3
46	10	2	2	46	12	2	2	Regene				50	12	1	1	44	11	2	2
47	10	4	4	48	12	2	2	42	8	4	4	52	13	2	2	41	10	4	4
44	9	5	5	259	66	11	11	43	9	4	4	308	73	10	10	45	12	3	3
344	67	26	25	6				42	8	7	6	6				44	12	6	6
7								298	61.5	37	35	51.3	12.2	1.7	1.7	344	84.5	31	29
46.3	9.6	3.7	3.6	4/8	11.0	1.8	1.8	7								8			
								426	8.8	5.3	5.0					426	10.6	3.9	3.6

7

6

7

6

8

~~13~~ fairly good grain yield
~~14~~ good amount grain

Imp Bl Rose				Pexoro				81C				Mura				Shesmond			
Ht	length	Tail	Pan.	Ht	length	Tail	Pan.	Ht	length	Tail	Pan.	Ht	length	Tail	Pan.	Ht	length	Tail	Pan.
		5	0	43	10	3	3	37	9	9	6	49	13	2	1	40	11	4	4
17	5	4	1	50	11	3	3	31	2	5	3	40	10.5	1	1	37	8	1	1
28	8.5	5	1	38	9	1	1	27	7	3	1	55	12	3	3	43	11	4	4
27	8	4	2	46	10	3	3	36	8	4	3	45	11	1	1	43	12	3	3
27	7	3	1	49	11	1	1	34	8	5	2	56	13	2	2	40	9	1	1
17	5	3	1	48	11	1	1	33	8	3	3	52	12	2	2	41	9	1	1
24	7	4	1	48	11.5	3	3	36	8	3	1	54	11	3	3	42	8.5	3	3
26	7	6	1	49	10.5	3	3					52	13	2	1	43	11	1	1
																39	11	2	2
				371	84.0	18	18					403	95.5	16	14				
166	47.5	29	8			8		228	55	30	19	50.4	11.9	2.1	1.8	368	90.5	20	20
	7			46.4	10.5	2.2	2.2		7								9		
23.7	6.8	4.1	1.1					32.6	7.8	4.3	2.7					40.9	10.0	2.2	2.2
	7+8					8			7								9		
46	9.5	4	4	45	10.5	2	2	43	9	3	3	53	13	3	3	41	12	3	3
45	10	3	3	44	10	2	2	44	10	3	3	48	12	1	1	45	11	4	4
45	9	2	2	43	11	1	1					54	12	3	3	46	12	4	4
44	9	2	2	49	12	1	1					52	12	2	2	45	12	3	3
46	9.5	5	5	45	8.5	3	3	44	9	2	2	56	13	3	3	42	12	3	3
				47	9	1	1	43	8	5	5					41	12	3	3
				48	10	1	1	42	9	4	4								
				44	9.5	1	1	45	10	4	4								
				48	12	2	2												
226	47	16	16	48	10	2	2	306	64	25	25					260	71	20	20
	5			461	102.5	16	16		7			263	62	12	12		6		
45.2	9.4	3.2	3.2		10			43.7	9.1	3.6	3.6		5			43.3	11.8	3.3	3.3
				46.1	10.2	1.6	1.6					52.6	12.4	2.4	2.4		6		
	5				10				7				5						
43	9	3	3	44	9	3	3	40	8	2	2	53	12	3	3				
48	10	4	4	49	11	3	3	41	8	2	2	51	12	1	1	45	13	2	2
42	9	4	4	46	11	1	1	46	8	6	6	49	12	1	1	37	8	1	1
48	9	3	3	47	12	1	1	42	9	3	3	51	12	1	1	42	12	3	3
45	9	2	2	51	11	3	3					49	11.5	2	2	44	11	3	3
				50	10	3	3					38	8	1	1	43	12	2	2
				43	10	2	2	46	10.5	3	3	49	12	1	1	46	12	3	3
				48	10.5	4	4									43	9	2	2
226	46	16	16					258	52.5	23	23					306	77	16	16
	5			378	84.5	20	20		6			340	94.5	10	10		7		
45.2	9.2	3.2	3.2		8			43.0	8.7	3.8	3.8		7			42.8	11.0	2.3	2.3
				47.2	10.6	2.5	2.5					48.6	11.4	1.4	1.4				
	5				8				6				7				7		

16002

16003

16004

6000				6000				7000				7000			
Wt	Ln	T	P	Wt	Ln	T	P	Wt	Ln	T	P	Wt	Ln	T	P
28	6.5	3	3	29	7	4	4	49	11	3	3	30	7.5	7	4
24	5.5	2	2			vague		49	11	2	2	33	7.5	3	3
29	6.	2	2	21	5.5	1	1	48	11	1	1	33	7	8	3
						vague		49	12	1	1	31	7.5	5	4
				25	7	3	3	48	12	2	2	25	6.5	2	1
				24	6.5	3	3	48	12	2	1	28	8	7	5
								51	11	3	3	33	7	5	4
														3	1
												29	7	5	3

160005				160006				160007											
W	L	T	P	W	L	T	P	W	L	T	P								
5	2	51	10.5	3	3	35	8	7	7	54	14	2	2	45	12.5	5	2		
3	3	49	10.5	1	1	33	8	4	4	52	12	2	2	43	12	2	2		
4	1	40	11	1	1	31	7	2	2	50	12	1	1	44	12	6	4		
30	8	3	1	51	11.5	2	2	32	7	2	2	53	11	2	2	45	14	2	2
24	6	2	1	47	11	2	2	32	7	2	2	53	12	1	1	46	12	1	1
27	1.5	5	2	49	12	1	1	33	7	4	4	54	13	3	3			1	1
28	6.5	4	2	47	11	2	2			53	13	2	2	39	12	1	1	16005	
				49	12	2	2												
				49	11	3	3												
111	28	14	6	48	12	1	1												
4								196	44	21	21			256	7.5	17	12		
27.8	7.0	3.5	1.5	480	112.5	18	18	6		369	87	13	13	6					
				48.0	11.2	1.8	1.8	32.7	7.3	3.5	3.5	52.7	12.4	1.8	1.8	42.7	12.4	2.8	2.0
4+7				10				6		7				6+7					
47	9	3	3	39	9	1	1	41	8	5	5	44	12	3	3	41	10	3	3
48	9	4	4	45	11	2	2	40	8	4	4	53	12	1	1	44	12	2	2
46	9.5	3	3	48	10	3	3	44	9	5	5	50	10	1	1	42	12	1	1
46	8.5	3	3	48	10	1	1	46	9.5	3	3	52	12	1	1	43	11	3	2
46	9	2	2	47	11	2	2	44	9	2	2	53	12.5	2	2	42	12	4	4
44	9	3	3	44	11	1	1	47	9.5	5	5	51	12	2	2	44	12	4	4
45	9	3	3	47	11.5	3	3	45	9	3	3	56	11.5	4	4	47	11	4	4
				318	73.5	13	13			559	82	14	14						
322	63	21	21	7				367	62	27	27	7				303	80	21	20
46.0	9.0	3.0	3.0	45.4	10.5	1.8	1.8	43.8	8.8	3.8	3.8	51.3	11.7	2.0	2.0	48.3	11.4	3.0	2.8
7				7				7				7				7			
46	9.5	4	4	49	11	1	1	43	9	5	5	51	12	3	3	44	11	3	3
44	10	4	4	46	11	2	2	44	9	4	4	53	11	3	3	39	9	1	1
42	9	2	2	45	10	1	1	43	9	3	3	52	11	3	3	46	12	3	3
roque				44	10	2	2	44	10	4	4	50	12	1	1	39	11	1	1
46	9	3	3	35	8.5	1	1	45	10	4	4	52	12	1	1	46	11.5	3	3
43	8	1	1	40	9	2	2	43	9	4	4					42	12	2	2
45	9	3	3	42	11	2	2	43	8.5	4	4								
				43	8.5	1	1												
				344	79	12	12			258	58	11	11						
266	54.5	17	17	8				305	64.5	28	28	5				252	66.5	13	13
44.3	9.1	2.8	2.8	43.0	9.9	1.5	1.5	43.6	9.2	4.0	4.0	51.6	11.6	2.2	2.2	42.0	11.1	2.2	2.2
6				8				7				5				6			

June 1-30	6993				Caloro				Fortuna				H700				Kameji			
	Ht	Aug	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan
16008 6pm-8am					29	6.5	4	4	46	12	2	2	30	6	6	4	20	5	2	1
	29	6.5	3	2	22	6.	2	2	47	12	3	3	34	8	5	3	20	4	3	2
	16	4.	1	1	29	7.	4	4	52	13	1	1	28	6	5	2	<u>2 2</u>			
	21	5.	3	2	27	7.	4	4	48	11	2	2	29	7	4	3	18	5	3	2
					29	6.5	4	4	48	10	2	2	18	4	2	2	18	5	2	2
					24	6.0	3	3	52	12	2	2	27	6	5	3	24	6	6	3
									45	11	2	2	30	8	5	4	19	4.5	4	4
									48	11	2	2	34	8	10	7				
16009 8am-1pm	66	15.5	7	5					386	92	16	16					121	29.5	20	14
	3				160	39	21	21		8			230	53	42	28		6		
	22	5.2	2.3	1.7	26.7	6.5	3.5	3.5	48.2	11.5	2.0	2.0	28.8	6.6	5.2	3.5	20.2	4.9	3.3	2.3
	3				6				8				8				6+7			
	34	8	2	2	45	8	4	4	52	11	2	2	54	10.5	5	5	43	9	2	2
	39	8	3	3	42	9	3	3	43	10	1	1	55	11	7	7	42	9	2	2
	3	2			38	9	2	2	50	12	2	2	54	10	4	4	42	8.5	2	2
					42	8	2	2	41	9	2	2	55	10	6	6	45	8.5	1	1
					42	7.5	4	4	47	11	1	1	55	11	3	3	36	8	1	1
					42	9	1	1	48	11	2	2	48	10	3	3	42	8	5	3
16010 1pm-6pm					44	8	3	3	43	10	1	1	56	11	3	3	44	8.5	2	2
									48	10	2	2	57	11	2	2	46	8	1	1
									49	10	2	2	52	11	3	3				
									49	11.5	1	1	486	955	36	36				
	73	16	5	5					470	105.5	16	16		9			340	67.5	14	14
	36.5	8.0	2.5	2.5	29.5	58.5	19	19		10			54.0	10.6	4.0	4.0		8		
	2+3				42.0	8.4	2.7	2.7	42.0	10.6	1.6	1.6		9			42.5	8.4	1.8	1.8
					7				10								8			
	35	7.5	2	2	42	8	2	2	51	11	2	2	50	10	4	4	42	9	3	3
	39	8	2	2	47	8.5	4	4	51	10	3	3	55	10.5	6	6	45	9	2	2
16010 1pm-6pm	38	8.5	3	3	42	9	2	2	54	10	1	1	54	10	6	6	43	9	1	1
					37	8	1	1	52	10	2	2	55	10	3	3	44	9	2	2
					41	9	2	2	49	11	2	2	55	10	4	4	39	8	1	1
					41	9	3	3	44	10	2	2	49	10	4	4	43	8	1	1
									50	10	1	1	51	10	2	2	44	8	2	2
									48	11	3	3	54	11	6	6	40	9	1	1
													54	11	7	7	41	8	1	1
	112	24	7	7					399	84	16	16					45	9	2	2
	3				250	51.5	14	14		8			477	925	42	42				
	37.3	8.0	2.3	2.3	6				49.9	10.5	2.0	2.0		9			42.4	8.6	1.6	1.6
	3				41.7	8.6	2.3	2.3		8			53.0	10.3	4.7	4.7	42.4	8.6	1.6	1.6
														9			10			

Kameji

6 pm - 8 am

8 am - 1 pm

1 pt - 6 pt

Imp. Blue Rose				Pecora				S/C				Nira				Shoemid							
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
29	8	3	1	48	11	2	2	46	8	4	2	53	13	1	1	41	11	2	2				
25	7	2	1	47	11	2	2	40	8	4	3	47	12	1	1	41	11	2	2				
29	9	4	2	45	11	2	2	38	8	3	2	48	12	1	1	44	13	2	2				
30	6.5	2	2	46	10.5	1	1	36	8	2	1	47	12	1	1	42	13	1	1				
30	7	2	1	45	12	2	2	36	7	3	3	53	13	2	2	36	10	1	1				
30	8	3	3	45	11	2	2	41	8.5	4	4	54	13	3	3	38	11	1	1				
	3	2		44	11	1	1	38	9	4	3					41	10	3	3	160	11		
30	8	3	1	48	11	1	1									46	10	3	3				
29	8	3	2	45	11.5	2	2																
232	61.5	22	13					269	56.5	24	18					329	89	15	15				
8				413	100	15	15		7			302	75	9	9	8							
29.0	7.7	2.8	1.6	9				38.4	8.1	3.4	2.6	6				41.1	11.1	1.9	1.9				
				45.9	11.1	1.7	1.7					50.3	12.5	1.5	1.5								
8+9				9				7				6				8							
46	9	4	4	48	12	2	2	46	8.5	5	5	55	12	1	1	45	12	1	1				
47	10	3	3	47	12	2	2	43	8	3	3	54	12	3	3	48	12	3	3				
47	9	3	3	49	12	2	2	44	8	3	3	47	11	1	1	46	11	1	1				
47	10	3	3	49	10	2	2	44	9	3	3	42	11	1	1	44	12	3	3				
47	9	4	4	50	11	2	2	42	8	2	2	54	11	3	3	44	11	3	3				
50	9	3	3	50	10.5	1	1	46	9	7	7	55	12	3	3	44	11	2	2	160	12		
46	10	6	6	40	9.5	1	1									46	12	2	2				
				45	11	2	2									46	12	2	2				
																42	10	2	2				
				378	88	14	14					307	69	12	12								
350	66	26	26	8				265	50.5	23	23	6				405	103	19	19				
7				47.2	11.0	1.8	1.8	6				51.2	11.5	2.0	2.0	9							
42.1	9.4	3.7	3.7	8				44.2	8.4	3.8	3.8	6				45.0	11.4	2.1	2.1				
7																9							
48	10	3	3	48	11	3	3	47	9.5	3	3	51	12	3	3	43	11	1	1				
47	10	3	3	49	9.5	1	1	44	9	6	6	50	12	2	2	43	12	1	1				
49	10	2	2	39	9	1	1					52	11	3	3	49	11	6	6				
45	10	4	4	45	10	1	1	42	9	4	4	55	12	2	2	36	9	1	1				
47	9	2	2	48	11.5	2	2	43	9	3	3	53	12	3	3	45	11	2	2	160	15		
48	10	3	3	45	11	1	1	45	9	3	3	56	12	2	2	44	13	2	2				
50	10	2	2	44	10	1	1	46	9	4	4												
49	10	3	3	48	11	2	2	43	8	4	4												
								42	9	4	4												
383	79	22	22					352	71.5	31	31					266	67	13	13				
8				366	83	12	12	8				317	71	15	15	6							
47.9	9.9	2.8	2.8	8				44.0	8.9	3.9	3.9	6				43.3	11.2	2.2	2.2				
				45.8	10.4	1.5	1.5					52.8	11.8	2.5	2.5								
8				8				8				6				6							

6993				Caloro				Fortuna				4700				Kameji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
				28	6.5	4	3	40	10	1	1	34	6	6	3	28	6	3	3
32	7.0	2	2	33	6.5	2	2	49	11	2	2	34	7.5	4	3	29	6	3	2
35	7.0	3	3	28	6	1	1	43	11	2	2	32	6	3	3			2	2
35	7.5	4	4	30	7	2	2	Rogue				40	7	3	3	Laman little Buba			
				30	6	2	2	Rogue				37	6	4	4			1	1
				28	6	6	5	49	10	1	1	38	7	2	2			2	1
								46	10	1	1	41	8	4	4			4	3
								43	10	3	3	32	7	3	3			2	2
								41	10	2	2	36	8	5	4			2	1

6 pm - 8 am

Imp. Blue Rose				Rex rose				81C				Mira				Shoemud											
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan				
33	8	3	3	37	12	1	1	38	7.5	4	4	Rogues	48	11	4	4	16014										
34	8	3	3	40	11	3	3			5	5		50	11	2	2							45	11	5	5	
33	7	2	2	38	11	1	1	35	6	5	5	46	10	1	1	47	10	2	2								
26	7	4	4	37	11	1	1	35	7	4	4	46	12	1	1	43	10	1	1								
		3	3	39	10	1	1	34	7	2	2	48	12	3	3	45	9	2	2								
31	6.5	2	2	40	12	2	2	37	8	3	3					42	11	1	1								
		3	2					35	7	2	2					46	10	4	4								
		1	1							1	1					43	11	3	3								
33	7	5	4					35	5	2	2																
32	7	4	2	231	67	9	9	35	7	6	6																
232	50.5	23	20		6			284	57.5	28	28																
33.1	7.2	3.3	2.8	38.5	11.2	1.5	1.5			8		190	45	7	7	449	10.4	2.8	2.8								
								35.5	7.2	3.5	3.5	47.5	11.2	1.8	1.8												
7 + 10				6				8 + 10				4				8											
47	10	4	4	46	11	2	2	43	8.5	6	6	54	13	1	1	50	12	4	4								
43	9	2	2	45	11	2	2	43	9	5	5	52	12	3	3	47	11	4	4								
44	8	4	4	45	10	1	1	45	9	4	4	48	11	3	3	49	11	2	2								
42	9	2	2	47	10	1	1	46	10	4	4	41	9	1	1	44	9	4	4								
44	8	2	2	45	11	1	1	42	9	5	5	50	12	2	2	46	11	4	4								
43	8	2	2	43	10.5	1	1	44	9	4	4	49	12	1	1	46	9	4	4	16015							
43	9	2	2	50	10	3	3	44	9	3	3					47	9	3	3								
46	9	5	5					43	9	1	1																
40	7	2	2																								
43	8.5	4	4																								
40	8	2	2	321	73.5	11	11					294	69	11	11	329	72	25	25								
475	93.5	31	31	45.8	10.5	1.6	1.6	350	72.5	32	32	49.0	11.5	1.8	1.8	47.0	10.3	3.6	3.6								
43.2	8.5	2.8	2.8					43.8	9.1	4.0	4.0																
	11				7				8				6														
45	9	4	4	50	11	1	1	46	9	7	7	51	11	3	3	47	10	2	2								
41	7	3	3	45	11	2	2	45	9	4	4	47	11	2	2	44	9	2	2								
44	9	3	3	43	10	2	2	46	9	3	3	50	12	2	2	40	8	3	3								
44	8.5	3	2	43	10	1	1	40	8	2	2	44	10	1	1	24	9	2	2								
42	9	3	3	45	10	2	2	42	8	3	3	51	12	1	1	36	7	1	1	16016							
43	9	1	1	45	10.5	1	1	41	8	1	1	52	12.5	1	1	44	12	2	2								
44	8	3	3	45	10.5	2	2	42	9	4	4	52	11	1	1	40	10	1	1								
46	9	2	2	46	10.5	3	3					51	11	2	2												
349	68.5	22	21					302	60	24	24					275	65	13	13								
43.6	8.6	2.8	2.6	362	83.5	14	14	43.1	8.6	3.4	3.4	39.8	90.5	13	13	39.3	9.3	1.8	1.8								
				45.2	10.4	1.8	1.8					49.8	14.3	1.6	1.6												
8								7				8				7											

Kameji

6pm-8am

34	7	4	4
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400	75	30	30
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201	70	15	1
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310	10	25	75
418	8.0	98	98

Imp. Blue Rose				Pexoro				81C				Nira				Shoemid			
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan
36	8	2	2	38	11	3	3			2	2	46	10	2	2	40	8	1	1
		1	1	39	10	2	2			2	2	45	11	2	2	42	10	1	1
33	7	3	3	40	9	2	2			2	2	43	11	2	2	40	10	1	1
		3	3	40	9	2	2			4	4	45	11	1	1	38	9	1	1
		1	1	37	9	1	1			1	1	46	12	1	1	40	9	2	2
		1	1	37	10	2	2	35	7	3	3	43	10	1	1	43	10	2	2
		2	2	38	10	2	2			2	2	49	11	1	1				
		3	3					33	7	3	3	41	10	1	1				
		3	3									51	12	3	3				
				269	68	14	14												
				38.4	9.7	2.0	2.0	68	14	6	6	409	98	14	14	243	56	8	8
69	15	5	5					34	7	3	3	409	98	14	14	40.5	9.3	1.3	1.3
34.5	7.5	2.5	2.5									45.4	10.9	1.6	1.6				
2	+	9		7				2	+	8		9				6			
45	9	3	3	43	9	3	3	46	9.5	5	5	rogue				48	12	1	1
43	9	3	3	49	10.5	1	1	43	8.5	3	3	53	12	1	1	51	12	4	4
40	8.5	3	3	48	10.5	2	2	43	8	6	6	45	10	1	1				
42	9	3	3	47	10	1	1	rogue				48	11.5	1	1	49	11	4	4
42	9.5	2	2	42	10	1	1	44	8	3	3	44	10	1	1	48	12	2	2
40	7	2	2	44	10	3	3	46	9	3	3	53	13	1	1	47	12	4	4
37	7	2	2	45	10.5	2	2	46	9	4	4	52	12	3	3	rogue			
45	9	4	4	47	9.5	2	2					51	11	1	1				
41	8.5	1	1	43	9.5	2	2												
43	8	4	4	408	89.5	17	17					346	79.5	9	9				
42	8	2	2	45.3	9.9	1.9	1.9	268	52	24	24	47.4	11.4	1.3	1.3	243	59	15	15
460	92.5	2.9	2.9					44.7	8.7	4	4					48.6	11.8	3	3
41.8	8.4	2.6	2.6																
	11			9				6				7				5			
46	8.5	4	4	48	11	3	3	42	9	4	4	53	13	2	2	42	12	1	1
rogue				49	11	2	2	42	8	4	4	49	11	2	2	42	10	1	1
47	8	3	3	47	10	1	1	43	8.5	2	2	rogue				43	11	4	4
48	7	2	2	45	10	2	2	42	9	5	5	53	14	3	3	42	10	1	1
39	8.5	1	1	47	11	1	1	43	9	4	4	48	12	1	1	44	11	4	4
44	8	4	4	47	10	1	1	43	9	2	2					45	11	5	5
46	9	3	3	46	10	2	2	46	10	4	4								
40	8.5	1	1	52	10	3	3	44	9	3	3								
46	9	3	3	48	10.5	1	1												
40	7	3	3	429	73.5	16	16					203	47	8	8	258	65	16	16
				47.7	10.4	1.8	1.8	345	71.5	28	28	508	11.8	2	2				
396	73.5	2.4	2.4					43.1	8.9	3.5	3.5					43	10.8	2.7	2.7
440	8.2	2.7	2.7					8											
9				9								4				6			

16017

16018

16019

Not Covered

16020

6993				Caloro				Fortuna				4700				Kameji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
				40	9	6	6	51	11	4	4	53	10.5	8	8	43	8.5	4	4
35	7.0	2	2	39	6.5	1	1	42	8.5	1	1	55	10	6	6	40	8	3	3
36	8.0	3	3	39	8	3	3	48	10	2	2	55	9	4	4	41	8	2	2
37	8.0	3	3	40	9	3	3	38	9.5	1	1	57	11	4	4	40	7	2	2
				38	8	1	1	49	11	1	1	51	10	5	5	41	7.5	2	2
				41	9	2	2	44	10	1	1	57	11	4	4	42	8	2	2
				40	10	2	2	44	10	1	1	52	10	2	2	41	7	4	4
				39	9	4	4	49	11	2	2	53	10	3	3	42	8	3	3
								48	12	2	2	53	10.5	3	3	41	7	3	3
												57	11	5	5	44	8	3	3
																43	8	4	4
								413	93	15	15								
				316	68.5	2.2	2.2	459	10.3	1.7	1.7	543	10.3	4.4	4.4	458	8.5	32	32
				31.5	8.6	2.8	2.8					54.3	10.3	4.4	4.4	41.6	7.7	2.9	2.9
						8				9			10		X	11			

Imp. Blue Rose				Rex oro				81C				nira				Shoemid			
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan
46	10	5	5	47	12	3	3	43	9	6	6	52	11	3	3	47	12	5	5
45	9	3	3	48	10.5	1	1	39	8	3	3	50	10.5	2	2	44	10	2	2
45	8.5	3	3	46	11	1	1	45	9	4	4	48	10	1	1	45	11	3	3
45	10	3	3	49	9.5	3	3	41	8	3	3	51	11	3	3	37	8	1	1
46	9	3	3	50	12	1	1	Rogue				49	12	2	2	44	12	1	1
46	8	3	3	49	10	2	2	43	9	3	3	50	11	2	2	41	9	3	3
45	9	4	4	49	10	3	3	42	8	5	5	52	12	3	3	43	10	2	2
43	9	2	2									53	11	1	1	42	11	1	1
46	11	4	4									49	12	2	2	46	12	4	4
				338	75	14	14	253	51	24	24								
407	43.5	30	30	48.3	10.7	2.	2.	42.2	8.5	4.	4.	454	101.5	19	19				
45.2	9.3	3.3	3.3									50.4	11.3	2.1	2.1	389	9.5	22	22
																43.2	10.6	2.4	2.4
9				7				6				9				9			

16020

6993				Caloro				Fortuna				4700				Ranieri			
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan
				27	25	5	5	40	11	1	1	42	10	8	8	34	7	2	2
26	8	4	4	36	8	3	3	47	10	2	2	38	9	5	5	39	6.5	4	4
26	5	1	1	37	8	3	3	44	10	2	2	41	9	3	3	38	6	4	4
33	7	3	3	35	8	3	3	43	9	2	2	40	9	4	4	35	7	3	3
				<u>34</u>	<u>8</u>	<u>1</u>	<u>1</u>	42	9	4	4	37	7	2	2				
				40	9	1	1	40	9	3	3	36	7.5	2	2				
				38	7	4	4	43	9	2	2	42	9	3	3	36	6.5	2	2
								35	7	1	1	41	9	4	4	37	6.5	3	3
								47	10	3	3	41	9	4	3	34	7.5	3	3
												41	9	7	6	35	7	3	2

6 pm - 8 am

16022

8am - 1pm

16023

1 pm - 6 pm

Imp. Blue Rose				Rexoro				81C				mira				Shemmed			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
37	9	3	3	40	10	3	3	35	8	4	4	47	11	3	3	42	12	2	2
37	6	5	5	45	12	1	1	38	8	3	3	42	9	1	1	45	9	3	3
36	9	3	3	36	11	1	1	43	8	4	4	43	11	1	1	41	9.5	1	1
36	8	2	2	41	9	3	3	41	8	3	3	43	11	1	1	45	11	1	1
35	8	1	1	30	9	3	1	42	8	5	5	48	10	2	2	43	10	2	2
36	9	3	3	38	12	1	1	42	8	3	3	48	10	3	3	45	10	2	2
36	8.5	3	3	38	9	2	2	41	7	4	4	47	12	3	3	45	11	3	3
36	8.5	2	2	34	9	1	1	42	8.5	1	1	47	10	2	2	45	12	4	4
36	9	2	2	39	9	2	2												
34	8	3	3					325	635	33	33								
	3			341	90	17	15		13			365	84	16	16				
359	83	27	27	379	10.0	1.9	1.7	406	7.9	4.1	4.1	45.6	10.5	2.0	2.0	351	84.5	18	18
359	83	2.7	2.7													43.9	18.6	2.2	2.2
	10			9				8				8				8			
45	9	4	4	49	11	2	2	40	8	3	3	49	12	2	2	41	8	3	3
46	10	4	4	47	10	2	2	42	9	5	5	51	10.5	3	3	45	9	3	3
38	9	3	3	43	11	1	1	41	8	5	5	51	10	2	2	33	7	1	1
37	7.5	3	3	48	11	1	1	41	8	4	4	50	11.5	2	2	45	11	2	2
40	9	2	2	48	11	3	3	42	8	3	3	50	11	1	1	41	8	1	1
48	9	3	3	44	11	1	1	43	8.5	4	4	50	12.5	1	1	43	11	3	3
45	8.5	3	3									51	10	3	3	45	12	3	3
45	10	3	3									46	11	1	1	43	11	2	2
47	9	3	3	279	65	.10	10	249	49.5	24	24	48	11	1	1	40	9	2	2
43	10	3	3	46.5	10.8	1.7	1.7												
434	91	31	31					41.5	8.2	4.0	4.0					396	86	20	20
43.4	9.1	3.1	3.1									446	99.5	16	16	41.8	9.6	2.2	2.2
	10			6				6				426	11.6	1.8	1.8				
												9				9			
45	10.5	4	4	51	12	2	2	45	9	7	7	51	11.5	3	3	45	12	3	3
44	8.5	1	1	42	10	1	1	40	9	1	1	55	11	3	3	45	11	2	2
45	8.5	2	2	43	10	2	2	42	9	6	6	45	10.5	1	1	41	10	3	3
45	9	2	2	46	10	2	2	42	9	2	2	49	10	1	1	42	11	1	1
44	9	2	2	47	11	1	1	41	9	4	4	47	10.5	3	3	43	9	2	2
47	9	3	3	46	11.5	1	1	41	9	2	2	48	11	2	2	39	10	1	1
42	9	2	2	47	10	4	4	45	10	7	7	50	10	3	3	42	10.5	3	3
47	9	4	4	44	10.5	2	2					43	11	2	2	44	12	2	2
38	8	1	1	42	11	2	2					47	11	1	1				
43	9	3	3																
43	9	2	2	408	96	17	17	296	64	29	29					343	85.5	17	17
(11)				45.5	10.7	1.9	1.9	42.3	9.1	4.1	4.1	435	96.5	19	19	42.9	10.7	2.1	2.1
483	98.5	26	26									48.3	10.7	2.1	2.1				
439	9.0	2.4	2.4	9				7				9				8			

16021

16022

16023

6993				Caloro				Fortuna				4700				Kameiji			
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	Pan
				36	8.5	3	3	42	10	2	2	42	8	5	5	34	7	4	4
36	8	4	4	33	7	2	2	44	9	2	2	44	7.5	5	5	32	6.5	7	1
32	7	2	2	35	7.5	3	3	44	10	2	2	43	8.5	2	2	33	6	1	1
				35	6.5	3	3	44	11	2	2	40	8	5	4	35	7	3	3
				35	8	2	2	43	10	1	1	36	7.5	2	2	35	6	2	2
				36	7	3	3	43	11	1	1	38	9	3	1	unseen			
				35	7	2	2	47	11	2	2	37	8	3	2	33	6	3	3
				36	7	3	3	42	11	3	3	41	9	5	5	33	7	2	2
68	15	6	6									42	8	4	4				

6 pm - 8 am

8am-1pm

1 pm - 6 pm

57
3707

Emp. Blue Rose				Rexoro				81C				Mira				Shenandoah							
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
38	7	4	4	31	10	1	1	37	8	2	2	44	11	1	1	43	9	4	3				
37	8.5	4	3	40	9	2	2	42	8	4	4	48	12	2	2	45	11	3	3				
38	8	3	3	33	8	1	1	42	8	4	4	48	11	2	2	45	8.5	2	1				
38	7	2	2	40	11	1	1	40	8	2	2	37	8	1	1	42	10	2	2				
36	8	3	3	40	10	1	1	41	2.5	3	3	46	12	1	1	44	11	1	1				
35	7	1	1	35	7.5	1	1	41	8	3	3	48	10	2	2	46	10	3	3				
33	7	2	1	41	10.5	2	2	39	2.5	3	3	49	11	3	3	44	10	6	6			16024	
33	2.5	2	1	32	8	1	1					46	11	1	1	40	10	4	4				
37	7	3	3	40	10	1	1	38	5.5	2	2	35	9	1	1								
35	2.5	3	3	39	11	4	4	40.3	7.8	3	3	44	11	3	3	349	79.5	25	23				
360	74.5	29	24	36	12	1	1																
36.0	71.1	2.7	2.4	407	109	16	16					445	106	17	17			8					
13	10			37.0	9.7	1.4	1.4	7				10				43.6	9.9	3.1	2.9				
												44.5	10.6	1.7	1.7								
46	8	3	3	47	11	3	3	42	8	6	6	50	10	4	4	51	11	2	2				
45	8	4	4	48	10.5	3	3	41	8	3	3	50	12	2	2	45	11	1	1				
41	9	2	2	48	10.5	2	2	41	9	5	5	54	11	2	2	46	11	3	3				
44	9	2	2	44	10	2	2	45	9	6	6	52	12	2	2	49	10	2	2				
45	9	4	4	46	10	3	3	43	8	5	5	46	11	1	1	47	10	3	3				
46	8	4	4	49	10.5	3	3	42	8	5	5	55	10	3	3	42	8	2	2			16025	
44	8.5	3	3	50	9.5	2	2					50	11	2	2	44	9	1	1				
				47	10.5	2	2	254	50	30	30	53	12	1	1	44	9	2	2				
311	59.5	22	22					42.3	8.3	5.0	5.0	57	11.5	3	3	48	10.5	5	5				
44.4	8.5	3.1	3.1	379	82.5	20	20									48	10.5	3	3				
				42.4	10.3	2.5	2.5					469	100.5	20	20								
												51.9	11.2	2.2	2.2	464	100	24	24				
																46.4	10.0	2.4	2.4				
7				8				6				9				10							
44	8	2	2	50	11	3	3	42	9	3	3	48	10	1	1	43	9	4	4				
46	9	3	3	52	10.5	4	4	40	9	3	3	48	11	3	3	42	9	1	1				
44	9	3	3	46	11	1	1	39	8	3	3	46	11	3	3	46	11	1	1				
44	8.5	1	1	42	11	1	1	40	8	4	4	47	11	1	1	42	12	3	3				
41	8	2	2	42	11	1	1	39	8	4	4					38	10	2	2			16026	
44	9	3	3	43	10.5	1	1	41	9	8	8	50	12	2	2	41	9	3	3				
43	7.5	3	3	49	11	3	3									42	10	1	1				
46	8.5	5	5													42	10	2	2				
								241	51	25	25	47.8	11.0	2.0	2.0	42	12	4	4				
				324	76	14	14	40.2	8.5	4.2	4.2					42	11	4	4				
352	17.5	9.2	9.2	46.3	10.8	2.0	2.0									42.3	10.3	2.5	2.5				
44.0	8.4	2.8	2.8													42.3	10.3	2.5	2.5				
8				7				6				5				10							

July 1-10

6993				Celoro				Fortuna				4700				Kamiji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
				37	7.5	4	4	44	10	2	2	50	10	7	6	37	8	2	2
35	8	2	2	38	7	3	3	46	10	3	3	45	10.5	6	5	36	6.5	1	1
34	6	3	3	37	7.5	1	1	46	11	3	2	42	9.5	4	4	35	7	3	3
				38	8	3	3	46	11	2	2					39	7.5	2	2
				38	6.5	3	3	39	8	1	1	45	10	4	4	36	7	3	3
				40	7.5	2	2	41	10	2	2	48	10	4	3	28	6.5	1	1
				41	7.5	3	3	45	11	2	2	46	10	4	4	36	7	3	3
				39	8	2	1					42	11	5	5	35	6.5	2	2
				42	8	5	5					43	10	4	4	38	7	3	3

16027

6pm-8am

69	14	5	5	39	8	2	1	307	71	15	14					320	63	20	20
34.5	7.0	2.5	2.5	42	8	5	5	350	67.5	26	15	43.8	10.1	2.1	2.0	361	81	38	35
								38.9	7.5	2.9	2.8					45.1	10.1	4.8	4.4
2				9	4			7				8				9			
32	8	3	3	43	8	5	5	49	10	3	3	53	10	10	10	43	8	4	4
31	7	3	2	40	7	3	3	47	10	2	2	53	9.5	5	5	42	7.5	5	5
				Rogue				48	10	2	2	48	9	2	2	44	9	2	2
				41	8	3	3	47	10	3	3	54	10	4	4	39	7	1	1
				38	8	3	3	45	11	1	1	53	10	4	4	39	8	2	2
				40	7	4	4	43	10	1	1	54	11	4	4	40	7	3	3
				38	8	5	5	46	10	3	3	54	9	5	5	39	8	2	2
63	15	6	5					43	11	1	1	57	10	4	4	42	8	2	2
31.5	7.5	3	2.5									52	9	3	3	328			
				240	46	23	23					55	10.5	8	8		62.5	21	21
				40.0	7.7	3.8	3.8	368	82	16	16	53.3	9.8	4.9	4.9	410	7.8	2.6	2.6
								46.0	10.2	2.0	2.0	53.3	9.8	4.9	4.9				
2				6				8				10				8			
21	6	2	2	43	9	3	3	48	11	4	4	53	10	7	7	43	8.5	3	3
				Rogue				45	10	2	2	54	11	3	3	43	8	3	3
				41	8	2	2	42	10	1	1	55	11	4	4	43	9	1	1
				40	8	2	2	47	11	2	2	50	10	3	3	43	8	3	3
				40	7	3	3	43	9	1	1	55	10.5	4	4	42	7	2	2
				36	7	2	2	42	11	2	2	57	11	4	4	45	8.5	2	2
				31	6	1	1	44	11	2	2	55	10	5	5	44	9	2	2
				39	7.5	2	2	45	10	1	1	53	10.5	4	4	43	8	3	3
				41	8	3	3	46	10	2	2	50	11	3	3	42	8	4	4
																44	8	4	4

16028

8am-1pm

26	6	2	2	311	60.5	18	18	409	93	17	17	482	95	37	37	432	82	27	27
				38.9	7.6	2.2	2.2	44.7	10.3	1.9	1.9	53.6	10.6	4.1	4.1	43.2	8.2	2.7	2.7
				8				9				9				10			

16029

1pm-6pm

Imp. Blue Rose				Rexoro				81C				nura				Shoemid			
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan
40	8	4	4	41	11	1	1	43	8.5	5	5	50	11	2	2	41	11	2	2
41	9	5	5	39	11	1	1	34	7	2	2	40	11	1	1	45	9	3	3
36	9	1	1	41	12	2	2	41	8	3	3	46	10	3	3	44	10	3	3
31	6	2	2	36	9	1	1	41	8	3	3	46	11	1	1	44	10	3	3
39	8	2	2	36	9	1	1	43	9	5	5	48	12	2	2	46	10	2	2
36	9	2	2	41	11	3	3	43	8.5	6	6	48	12	1	1	42	11	1	1
38	9	1	1	234	63	9	9	245	49	24	24					44	11	4	3
37	9	2	2	39.0	10.5	1.5	1.5	42.8	8.2	4	4	218	67	10	10	46	10	5	5
298	69	19	19									46.3	11.2	1.7	1.7	352	82	23	22
372	8.4	2.4	2.4													44.0	10.2	2.9	2.8
8				6				6				6				8			
43	8	4	4	46	10	3	3	44	8	8	8	55	11	2	2	43	10	4	4
41	8	1	1	46	10	3	3	39	8	3	3	51	12	2	2	47	11	2	2
39	7.5	2	2	40	9.5	1	1	41	8	3	3	49	12	1	1	45	14	4	4
43	9	3	3	43	10	3	3	38	8	3	3	52	12	1	1	46	12	3	3
42	9	1	1	45	11	2	2	39	9	2	2	54	11	3	3	35	6	1	1
45	9	3	3	46	9	2	1	41	9	3	3	47	11	1	1	45	12	3	3
43	9.5	1	1	47	11	1	1	42	9	2	2	51	11	2	2	40	10	3	3
41	9	2	2	307	70.5	15	14	42	8	5	5	54	11	3	3	45	12	3	3
42	9	5	5	7				43	9	6	6					44	11	3	3
44	9	3	3	43.8	10.1	2.1	2.0	40	9	3	3	413	91	15	15				
45	9	3	3					409	85	38	38	51.6	11.4	1.9	1.9	390	98	26	26
46.8	9.6	2.5	2.5					40.9	8.5	3.8	3.8					43.3	10.9	2.9	2.9
42.5	8.7	2.5	2.5					10				8				9			
11				7				40	9	3	3	49	12	1	1	41	10	4	4
39	8	4	4	45	11.5	2	2	44	9	6	6	48	11	1	1	42	10	1	1
45	9	1	1	44	11	2	2	43	9	5	5	49	11	2	2	42	11	1	1
46	10	2	2	49	11	3	3	41	9	4	4	52	11	3	2	43	11	2	2
44	9	4	4	44	10	2	2	44	9	8	8	48	11	3	3	44	12	1	1
45	9	2	2	48	10	2	2	43	9	4	4	49	10	1	1	45	12	2	2
43	9	2	2	230	53.5	11	11	41	9	7	7	53	10	3	3	45	11	5	5
46	9	4	4	46.0	10.7	2.2	2.2	296	63	37	37	50	11	3	3	44	11	4	4
308	63	19	19					42.3	9.0	5.3	5.3	398	87	17	16	346	88	20	20
44.0	9	2.7	2.7									49.8	10.9	2.1	2.0	43.2	11.0	2.5	2.5
7				7				7				8				8			

16027

16028

16029

June 1-10

1 pm - 6 pm

Imp Blue Rose				Roxoro				81C				mira				Shesmed				Alt
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Alt
31	7.5	4	2	45	10	1	1	32	7	5	5	48	11.5	2	2	42	12	2	2	
30	7	5	4	47	12	3	3	32	6	4	4	54	12	2	2	45	12	5	4	
		3	2	51	11.5	1	1	34	7	2	2	50	11	3	3	Rogue				
		3	1	48	12	2	1	32	6	3	3	50	12	2	2	42	12	3	2	
		2	2	48	11	1	1	33	8	4	4	51	11.5	2	2	43	11	3	3	
27	6	2	2	45	11	3	3	35	7	5	5	52	11	2	2	39	11	1	1	
29	7	2	1	50	12	2	1	34	8	6	6	52	11.5	2	2	41	12	4	2	16033
		4	3									53	12	1	1					
		3	3									50	11.5	3	3					
		2	1	334	79.5	13	11													
				477	11.4	1.8	1.6	232	49	29	29					252	70	18	14	
117	27.5	13	9					33.1	7.0	4.1	4.1	460	10.4	19	19	42.	11.7	3.0	2.3	
22.2	6.9	3.2	2.2									51.1	11.6	2.1	2.1					
4	11	10																		
48	9	5	5	46	11	3	3	42	8.5	5	5	51	11	2	2	45	12	3	3	
48	9.5	3	3	49	10.5	2	2	Rogue				55	13	1	1	33	8	1	1	
47	8	3	3	49	11	1	1	45	9	5	5	49	11	2	2	44	12	3	3	
48	10	3	3	41	9	1	1	44	8.5	3	3	46	11	1	1	39	9	1	1	
39	7.5	2	2	50	11	2	2	39	9	1	1	51	11	1	1	43	11	2	2	
42	8	2	2	49	11	2	2	39	9	3	3	52	12	1	1	42	10	2	1	16034
45	9	2	2					42	8	4	4	54	12.5	2	2	Rogue				
47	9	1	1									53	12	3	2	38	8.5	1	1	
42	8.5	1	1	284	63.5	11	11									46	11	3	3	
48	10	3	2	47.3	10.6	1.8	1.8	251	52	21	21					45	10	3	3	
47	10	2	2					41.8	8.7	3.5	3.5	411	93.5	13	12					
48	9(12)	2	2									51.4	11.7	1.6	1.5	373	91.5	19	18	
549	107.5	29	28													41.4	10.2	2.1	2.0	
45.8	9.0	2.4	2.3																	
49	10	2	2	41	10	1	1	43	8	4	4	53	12.5	2	2	46	11	3	2	
48	10	2	2	47	11	2	2	40	7.5	2	1	54	12	2	2	47	11	2	2	
41	8	1	1	44	11	1	1	41	8	3	3	44	11	1	1	40	10	2	2	
45	10	3	3	46	13	2	1	42	8	4	4	53	12.5	3	3	46	11	2	2	
44	9.5	2	2	45	12	2	1	42	8	3	3	50	11	1	1	38	9	1	1	16035
47	10	2	2	45	10.5	1	1	36	7	2	2	53	12.5	1	1	43	11	1	1	
41	8	3	3	51	11	2	2	42	9	5	4	49	10	1	1	42	11	2	2	
45	9	2	2					Rogue				50	11	1	1	40	9	1	1	
48	9	3	3									53	11	3	3	43	11	1	1	
				319	78.5	11	9													
408	83.5	20	20	45.6	11.2	1.6	1.3	286	55.5	23	21					385	94	15	14	
45.3	9.3	2.2	2.2					40.8	7.9	3.3	3.0	459	103.5	15	15	42.8	10.4	1.7	1.6	
												51.0	11.5	1.7	1.7					
9				7				7				9				9				

Imp. Blue Rose				Rexro				81C				Nira				Shoemud					
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L
		3	2	44	11	2	1	34	8.	5	5	45	12	2	2	41	8	2	2		
		2	1	35	12	2	2	33	8.5	3	2	46	12	2	2	36	9	1	1		
23	6	3	2	30	9	1	1	34	8.	2	2	40	11	1	1	44	10	3	3		
27	6	2	2					32	7.5	2	2	48	11	2	1	36	9	1	1		
		4	2	36	12	2	2	34	8.5	9	5	40	10	1	1	40	9	1	1		
		2	1	31	9.5	1	1	34	7.5	4	4	41	10	1	1	44	10	2	1		
		2	2	48	10	2	2														
		3	2																		
								201	48	25	21	46	14	1	1						
52	12	5	4	224	63.5	10	9	33.5	8.0	4.2	3.5	49	14	3	3	241	55	10	9		
26	6	2.5	2.0	37.3	10.6	1.7	1.5					355	94	13	12	40.2	9.2	1.7	1.5		
												444	11.8	1.6	1.5						
2 and 8				6				6				8				6+7					
47	10	3	3	47	11	1	1	42	8	6	6	48	13	2	1	44	11	1	1		
48	9	2	2	48	11	2	2	44	8	4	4	52	12	1	1	39	9.5	2	2		
44	8	2	2	46	10.5	1	1	41	7.5	3	3	52	12.5	2	2	40	10	1	1		
47	9	2	2	47	11	3	3	46	8	4	4	51	11.5	1	1	36	8	3	2		
44	9	3	3	51	10	3	3	44	8	3	3	51	11.5	2	2	46	10	2	2		
44	9.5	3	3	49	11	2	2					55	11.5	1	1	45	10.5	3	3		
44	8.5	3	3									47	11.5	1	1						
48	8.5	3	3					217	39.5	20	20	48	12	1	1						
46	9	3	3	288	64.5	12	12	43.4	7.9	4.0	4.0					250	59	12	11		
				48.0	10.8	2.0	2.0					404	95.5	11	10	41.7	9.8	2.0	1.8		
412	80.5	24	24									50.5	11.9	1.4	1.2						
45.8	8.9	2.7	2.7																		
9				6				5				8				6					
44	9.5	3	3	45	11	2	2					54	12	2	2	45	11	1	3		
43	9	3	3	47	11	1	1	45	8.5	4	3	54	12.5	2	2	41	9	1	1		
47	9	2	2	45	10.5	3	3					54	12	2	2	40	9	1	1		
42	8	1	1	49	11	2	2	45	8	5	4	52	11	1	1	42	10	2	2		
44	8.5	3	3	44	11	1	1	46	8	3	3	50	11.5	1	1	40	11	1	1		
46	9	3	3	45	11	1	1	45	8	4	4	53	13.5	2	2	43	11	2	2		
48	10	2	2	50	10	1	1									44	11	2	2		
49	9.5	3	3	47	10	1	1	181	32.5	16	14					40	9	1	1		
363	72.5	20	20	48	12	2	2	45.2	8.1	4.0	3.5	317	72.5	10	10	46	11	2	2		
45.4	9.1	2.5	2.5	420	97.5	14	14					528	12.1	1.7	1.7	387	92	16	15		
				46.7	10.8	1.6	1.6														
																42.3	10.2	1.8	1.7		
8				9				4				6				9					

Not Covered

16039

6993				Caloro				Fortuna				4700				Karniji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
33	6	2	2	41	9	3	3	48	10	3	3	52	10	8	8	42	8.5	2	2
28	6	1	1	41	9	3	2	48	10	2	2	55	10	5	5	40	8	2	2
33	7.5	2	2	39	7.5	4	4	39	9.5	1	1	53	10.5	6	6	44	8.5	3	3
94	19.5	5	5	35	7.5	3	3	49	10	2	2	55	10.5	3	3	34	7	2	2
31.3	6.5	1.7	1.7	42	9	5	3	47	10	2	2	55	10	5	5	42	8.5	1	1
				41	9	3	3	45	10	3	3	52	10	2	2	42	8	2	2
				239	51	21	18	48	12	1	1	56	10.5	1	1	36	6.5	1	1
				39.8	8.5	3.5	3.0	324	76.5	14	14	55	10	3	3	43	6	4	4
								46.3	10.2	2.0	2.0	56	11	5	5	323	61	17	17
												52	9	5	5	404	7.6	2.1	2.1
												51	10.5	3	3				
												592	112	46	46				
												53.8	10.2	4.2	4.2				
3				6				7				11				8			

Imp. Blue Rose				Rexoro				81C				Mura				Shemmed			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
46	8	5	5	46	11	1	1	40	9	5	5	49	12	3	3	40	11	1	1
48	8	3	3	45	9	3	3	41	9	4	4	51	12	2	2	43	11	3	3
48	9	4	4	44	11	1	1	36	9	3	3	54	11	1	1	43	10	2	2
46	9	1	1	48	11	1	1	41	9	3	3	49	12	1	1	39	11	1	1
45	8	2	2	46	10	2	2	40	9	3	2	42	11	1	1	40	10	1	1
43	8	2	2	45	9	1	1	45	9	3	3	52	12	1	1	40	9	2	2
46	9	2	1	46	12	1	1	44	9	5	5	49	12.5	1	1				
47	9.5	2	2	40	10	1	1	42	9	4	3	46	8.2	10	10				
45	9	4	4	360	83	11	11					49.4	11.7	1.4	1.4	245	62	10	10
414	77.5	25	24	45.0	10.4	1.4	1.4	329	72	30	28					40.8	10.3	1.7	1.7
46	8.6	2.8	2.7					41.1	9.0	3.8	3.5								

16039

9

8

8

7

6

6993				Caloro				Fortuna				4700				Kameji			
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan
35	7	3	3	29	6	2	2	49	11.5	3	3	35	9	8	5	24	6	2	1
29	6	1	1	29	8	1	1	47	11.5	2	2	34	9	5	3	27	7	2	1
32	6.5	2	2	31	7	2	2	39	9	1	1	37	9.5	8	5	29	6.5	2	2
96	19.5	6	6	32	7.5	2	2	45	10	1	1	32	8	4	3	28	6	1	1
32	6.5	2	2	30	7.5	2	2	41	10	2	2	32	10	6	4			2	2
				29	7	1	1	42	11	1	1	36	9	6	4	24	6	2	2
				34	8	4	4	38	9	1	1	32	8	3	2	27	6	3	2
				34	7	6	4	45	10	2	2	33	8	8	1	159	3.5	12	9
				246	58	20	18	43	11	1	1	33	8.5	6	4				
				30.8	7.2	2.5	2.2	49	11	3	3	31	8	7	3	26.5	6.2	2.0	1.5
								438	104	1.7	1.7	335	87	6.1	3.4				
								43.8	104	1.7	1.7	33.5	8.7	6.1	3.4				
												10							

Imp. Blue Rose				Rexoro				81C				Nivia				Shoemid					
Nt	L	T	pan	Nt	L	T	pan	Nt	L	T	pan	Nt	L	T	pan	Nt	L	T	pan		
30	8	4	3	44	11.5	1	1	38	7.5	5	5	52	11	2	2	40	14	2	2		
28	7	2	2	43	10.5	1	1	36	8	3	2	47	11	1	1	45	12	3	3		
29	7	4	4	44	11	2	2	36	8	3	3	51	12	2	2	38	11	1	1		
30	7.5	3	3	43	11	2	2	38	8	4	4	48	12	1	1	43	12	4	4		
29	7	3	2	40	10	1	1	33	7	2	2	48	11	2	2	37	11	1	1		
29	7.5	2	1	44	10.5	3	3	35	7.5	3	3	246	59	8	8	41	13	2	2		
30	8	2	1	46	11	3	3	35	8	2	2	49.2	11.4	1.6	1.6	244	74	13	13		16040
26	7	1	1	304	75.5	13	13	34	7.5	3	2					40.7	12.3	2.2	2.2		
31	8	4	2	43.4	10.8	1.8	1.8	36	8	3	3										
31	8	3	3					321	69.5	28	26										
31	9	4	4					35.7	7.7	3.1	2.9										
324	85	32	26																		
11	12							12													
29.4	7.7	2.9	2.4	7				9				5				6					
roque				44	11	1	1	38	9	3	3	50	10	1	1	42	8	3	3		
40	7.5	1	1	44	10.5	1	1	43	8	6	5	53	11.5	2	2	45	12	3	3		
45	9.5	3	3	42	10	1	1	42	9	6	5	41	10	1	1	43	11	2	2		
41	8	1	1	49	11.5	2	2	41	8	3	2	50	12	3	3	46	12	2	1		
44	9	3	3	46	11.5	1	1	40	8	3	3	49	11	2	2	43	11	2	1		
45	9	2	2	47	10	1	1	36	7	1	1	52	11	1	1	43	11	1	1		16041
47	9	3	3	46	10	2	2	39	8	3	2	49	11	2	2	46	11	4	3		
44	8.5	1	1	44	11	1	1	39	8	1	1	50	11	2	2	39	10	1	1		
44	8.5	5	5	362	85.5	10	10					51	10	2	2						
350	69	19	19	45.2	10.7	1.2	1.2	318	65	26	22					347	86	18	15		
43.8	8.6	2.4	2.4					39.8	8.1	3.2	2.8					43.4	10.8	2.2	1.9		
												445	97.5	16	16						
												49.4	10.8	1.8	1.8						
8				8				8				9				8					
49	10	2	2	47	10	3	3	40	8	2	2	50	12	2	2	44	10	4	3		
47	10	3	3	45	11	1	1	43	8	3	3	53	12	2	2	39	8	1	1		
47	10	3	3	49	10	1	1	43	9	5	4	49	11	2	2	43	11	2	2		
45	9	1	1	38	9	1	1	39	9	4	4	51	11	2	2	45	10	3	2		
40	9	2	2	44	11	1	1	42	8	1	1	42	11	1	1	44	11	5	4		16042
46	9.5	5	5	39	9	1	1	40	8	4	4	49	11.5	1	1	46	11	3	3		
45	10	3	3	49	10	2	2	39	9	3	3	52	11	3	3	44	12	3	3		
49	10	3	3													38	11	1	1		
								286	59	22	21										
								40.8	8.4	3.1	3.0										
368	78.5	22	22									346	79.5	13	13						
46.0	9.7	2.8	2.8	311	70	10	10					48.4	11.4	1.8	1.8	343	84	22	19		
				44.4	10	1.4	1.4									42.9	10.5	2.8	2.4		
8				7				7				7				8					

June 11-30

6993				Caloro				Fortuna				4700				Kameji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
30	6	2	2	26	6	3	3	48	12	5	5	36	7	4	4	27	6	2	2
32	7	2	2	30	7	2	2	43	11	1	1	30	6.5	3	3			2	2
30	7	2	2	31	8	2	2	47	11	3	3			3	3			2	2
31	6	2	2	28	7	1	1	45	11	1	1	37	8	5	5	32	6	2	2
				29	6.5	1	1	45	10	3	3	30	6	2	2	28	6	2	2
123	2.6	8	8	27	7	1	1	48	11	2	2	33	7.5	3	3			1	1
308	6.5	2.0	2.0	29	7	1	1	45	11.5	1	1	38	7	3	3	26	6	2	2
				27	6.5	2	2	46	11	1	1	38	7.5	5	5	22	5	2	1
												37	7.5	5	5				
				22	7.55	13	13					27	7.5	30	30				
				28.4	6.9	1.6	1.6	36.7	88.5	17	17	34.9	7.1	3.8	3.8	135	2.9	10	9
								45.9	11.1	2.1	2.1					27.0	5.8	2.0	1.8

16043

6pm-8am

16044

8am-1pm

4				8				8				8	9	13		5	8		
38	7	2	2	41	8	4	4	47	11	2	2	53	10	5	5	38	8	2	2
33	7.5	3	3	39	7	3	3	50	10	2	2	54	10	5	5	36	7	2	2
								50	10	2	2	55	10.5	4	4	40	7.5	3	3
6	1	14.5	5	38	7	4	4	46	10	1	1	54	10.5	5	5	37	7	3	3
30.5	7.2	2.5	2.5	39	9	1	1	42	8.5	2	2	57	10.5	5	5	38	7	3	3
				Rogue				49	11	2	2	50	9	2	2	39	8	3	3
				39	8	3	3	46	11	1	1	60	11	4	4	39	7	5	5
												51	10	4	4	40	8.5	1	1
				19	6	3.9	15	15				59	11.5	6	6	40	8	3	3
				39.2	7.8	3.0	3.0	33.8	71.5	12	12					34.9	6.8	2.5	2.5
								42	10.2	1.7	1.7	49.3	9.3	4.0	4.0	38.8	7.6	2.8	2.8
												54.8	10.3	4.4	4.4				

16045

1pm-6pm

2				5				7				9				9			
37	8	2	2	40	7	3	3	47	11	2	2	59	11	5	5	42	8.5	2	2
34	7	3	3	37	7.5	3	2	46	10.5	2	2	57	10.5	5	5	42	7.5	3	3
				39	7	3	2	46	10	1	1	54	11	4	4	41	8.5	2	2
171	15	5	5	36	7.5	2	2	41	9	1	1	55	12.5	4	4	36	7	1	1
35.5	7.5	2.5	2.5	41	8	2	2	43	9.5	1	1	53	10.5	4	4	41	7.5	2	2
				39	9	3	3	38	9	1	1	54	10.5	3	3	39	8	2	2
				42	9	3	3	43	10	1	1	50	9.5	4	4	40	9	2	2
				40	10	2	2	46	10	1	1	53	11	4	4	39	8	3	3
				31.4	6.5	2.1	1.9					52	11	6	6	32.8	6.4	1.9	1.9
				39.2	8.1	2.6	2.4	39.9	7.9	1.0	1.0					40.0	8.0	2.1	2.1
								43.6	9.9	1.2	1.2								
				8								42.9	9.5	3.9	3.9				
												54.1	10.6	4.3	4.3				
2								8				9				8			

Checked to 16045

Imp. Blue Rose				Rexus				81C				nira				Shagmud			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
36	8	2	1	33	10.5	1	1			4	4	46	12	4	4	43	10	2	2
34	7	4	4	38	10.5	3	3	35	7	2	2	50	12	3	3	41	10	2	2
36	8	3	3	28	8	1	1	31	7	4	4	39	9	1	1	42	11	3	3
35	7.5	4	3	40	11	1	1	33	7	4	4	46	11	1	1	41	10	2	2
33	7.5	3	3	39	10	3	2	33	7	3	3	46	12	1	1	39	10	2	2
34	7.5	4	4	41	11.5	4	4	33	7	2	2	43	10	1	1	41	9	2	2
33	7.5	4	4	39	10.5	4	4					48	11	1	1	41	9	3	3
241	53	24	22					165	35	19	19					44	10	3	3
34.4	7.6	3.4	3.1					33.0	7.0	3.8	3.8	319	77	12	12	44	9.5	4	3
				258	72	17	16					45.4	11.0	1.7	1.7	44	11	3	3
				36.8	10.3	2.4	2.3									42.0	9.5	2.6	2.5
																42.0	10	2.6	2.5
12	7			7				5	6			7				10			
48	9	5	5	49	11	3	3	43	9	6	6	52	11.5	2	2	44	10	3	3
45	10	2	2	49	10	3	3	43	9	3	3	49	11.5	2	2	47	10.5	3	3
47	9	3	3	50	11	6	6	41	9	4	4	49	10	3	3	42	11	2	2
46	9	1	1	41	8	2	2	43	8	3	2	51	11	3	3	44	9	3	3
47	10.5	1	1	48	10	1	1	40	8	2	1	54	12	1	1	43	10	3	3
43	9	1	1	46	11	1	1	46	9	4	3	50	11.5	1	1	40	10	1	1
48	9	3	3	47	11	4	4					52	12	3	3	40	8.5	1	1
42	9	4	4	330	72	20	20					52	12	2	2	40	9.5	2	2
366	74.5	20	20	471	10.3	2.8	2.8					409	91.5	17	17	46	11.5	3	3
45.8	9.3	2.5	2.5					256	52	22	19	51.1	11.4	2.1	2.1	47	11	2	2
								42.7	8.7	3.7	3.2					47	10.5	3	3
																48.0	11.5	2.6	2.6
																43.6	10.1	2.4	2.4
8				7				6				8				11			
48	9.5	4	4	48	10	4	4	40	8	3	2	51	12	2	2	44	11	4	4
46	8.5	3	3	45	11	1	1	39	7.5	3	3	43	10	1	1	43	11	2	2
41	9	1	1	44	10	1	1	40	8	4	3	52	11	2	2	44	10	3	3
47	10	2	2	46	11	1	1	41	8	3	3	53	11	2	2	34	7	1	1
44	9	1	1	42	10	2	2	42	8	1	1	48	11	1	1	44	11	7	7
46	9	3	3	44	9.5	2	2	40	9	4	4	53	11	1	1	41	8	1	1
45	9	4	4	48	10	2	2	242	48.5	18	16	51	11	3	3	41	10	3	3
48	9	2	2	47	10	3	3	40.3	8.1	3.0	2.7	51	12	4	4	36	8	1	1
44	8.5	3	3	364	81.5	16	16					402	89	16	16				
48	10.5	3	3	48.5	10.2	2.0	2.0									327	76	22	22
45.7	9.2	2.6	2.6									50.2	11.1	2.0	2.0	40.9	9.5	2.8	2.8
10				8				6				8				8			

16043

16044

16045

6pm-8am

6993

Caloro

Fortuna

4700

Karnesi

8am - 1pm

1 pm - 6 pm

Emp. Blue Rose				Rexoro				81C				nira				shoemed			
Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan
35	8	1	1	Rogue				32	8	3	3	47	12	1	1	44	9	3	3
33	8	1	1	38	9	3	3	32	7	2	2	48	11	2	2	45	10	3	3
		2	2	37	9	2	2	37	8	2	2	44	11	3	3	45	9	3	3
33	7	3	3	37	9	2	2			3	3	47	11	2	2	48	10	2	2
		3	3	36	9	1	1	32	7	4	4	47	11	3	3			2	2
		1	1	32	8	1	1					48	11	2	2			1	1
		3	3	40	10	3	2	133	30	11	11	40	10	1	1			3	3
		33						33.2	7.5	2.8	2.8	49	11	2	2				
				220	54	12	11					50	11	2	2	177	38	11	11
101	23	5	5	36.7	9.0	2.0	1.8					42	11	1	1	44.2	9.5	2.8	2.8
33.7	7.7	1.7	1.7									46.2	11.0	1.9	1.9				
3 ⁸								4 ⁵								4 ⁷			
12				6				12				10				3			
43	8	3	3	47	10	2	2	41	8	4	4	49	11	1	1	49	11	4	4
43	8.5	3	3	45	11	1	1	38	7	3	3	54	11	3	3	45	11	2	2
39	8	1	1	44	11	1	1	36	8	2	1	48	11	2	2	45	10	2	2
42	8	2	2	41	10	1	1	34	7.5	1	1	48	11	2	2				
43	8	2	2	45	11	1	1	42	8	3	2	43	10	1	1	48	10	2	2
38	8	1	1	45	10	1	1	40	8	3	2	49	11	3	3	45	10.5	3	3
43	8	3	3					42	9	2	2	50	11	2	2	45	10	1	1
39	8	3	3	45	11	1	1	42	8.5	3	3	49	11	2	2	45	10	1	1
43	8	3	3	43	10	1	1	315	64	21	18	47	10	2	2	40	10	1	1
43	8.5	2	2	42	10.5	1	1	32.4	8.0	2.6	2.2					46	11	4	4
40	8	3	3	397	94.5	10	10					437	97	18	18				
456	89	26	26	44.1	10.9	1.1	1.1					48.6	10.8	2.0	2.0	408	93.5	20	20
41.4	8.1	2.4	2.4													45.3	10.4	2.2	2.2
11				9				8				9				9			
36	7.5	2	2	45	11	2	2	43	9	4	3	52	10.5	3	3	42	10	2	2
39	7.5	2	2	39	10	1	1	39	8.5	3	3	48	10	2	2	38	9	2	1
44	9	4	4	45	9	1	1	41	9	3	3	44	9.5	1	1	45	11	1	1
41	8.5	1	1	46	10.5	2	2	37	7.5	2	2	49	11	1	1	43	11	2	2
43	8.5	3	3	44	10.5	1	1	40	9	2	1	46	10	1	1	42	10	1	1
45	9	2	2	45	11	1	1	42	9	3	2	48	10.5	1	1	40	11	2	2
44	8.5	2	2	264	62	8	8	38	9	3	3	49	12	2	2	42	10.5	3	3
42	9	2	2	440	10.3	1.3	1.3	40	9	5	5	45	10	1	1	38	10	1	1
46	9	3	3					320	72	25	22	49	11.5	2	2	33	9	1	1
46	10	2	2					40.0	9.0	3.1	2.8	430	95	14	14				
426	86.5	23	23									47.8	10.6	1.6	1.6	368	91.5	15	14
42.6	8.6	2.3	2.3													40.9	10.2	1.7	1.6
10				6				8				9				9			

16046

16047

16048

Imp. Blue Rose				Rexro				81C				Nira				Shoemead			
Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan	Ht	L	T	Pan
34	7	4	3	43	11	2	2	39	8	4	4	47	11	3	2	35	10	1	1
33	8	3	3					41	8	4	4	43	10	1	1	45	10	2	2
36	8	3	3	29	7	1	1	38	8	4	4	47	12	2	2	39	12	1	1
35	8	2	2	42	10	2	2	39	8	2	2	47	12	1	1	46	10	2	2
35	8	3	2	38	9.5	2	2	34	8	3	2	45	11	2	2	43	10	2	2
34	8	2	1	40	9	1	1	39	8	3	3	48	12	2	2	37	8.5	1	1
33	7.5	1	1	43	10	2	2	38	9	5	5	42	10	1	1	36	9	1	1
32	8	1	1	235	36.5	10	10	268	57	25	24	46	11	3	3	39	10	1	1
27	6	3	2	39.2	9.4	1.7	1.7	38.3	8.1	3.6	3.4	46	11	2	2	38	10	1	1
28	5	3	2													43	12	2	2
33	6.5	2	2									411	100	17	16	39	11	2	1
34	8	4	4									45.7	11.1	1.9	1.8				
344	88	31	26													440	112.5	16	15
32.8	7.3	2.6	2.2	6				7	13			9				44	10.2	1.4	1.4
37	8	3	3	44	12	1	1	42	9	3	3	46	9.5	3	3	46	10	3	3
44	9	4	4	45	10.5	1	1	41	9	3	3	50	11	3	3	46	11	2	2
47	9	3	3	44	11	1	1	42	8	4	4	46	10	1	1	46	10	2	2
39	8	1	1	46	11	2	2	41	9	5	5	47	11	1	1	45	10	3	3
40	7.5	4	4	42	10	1	1	42	9	4	4	48	11	2	2	41	10	2	2
47	10	3	3	48	11	1	1	38	7	1	1	49	11	2	2	45	12	2	2
45	9	1	1	50	11	3	3	41	9	3	3	48	11	2	2	45	11	2	2
45	10	3	3					42	9	6	6	51	11	1	1	44	11	3	2
44	9.5	3	3	319	76.5	10	10	329	69	29	29	49	12	1	1				
388	80	25	25	45.6	10.9	1.4	1.4					434	97.5	16	16	358	85	19	18
43.1	8.9	2.8	2.8					41.1	8.6	3.6	3.6					478	10.6	2.4	2.2
												48.2	10.8	1.8	1.8				
9				7				8				9				8			
43	9	3	3	47	10.5	1	1					50	11.5	2	2	43	12	3	3
44	8.5	1	1	44	11	2	2	40	9.5	4	4	45	11	1	1	42	7	1	1
46	8	3	3	45	10	1	1	39	8	4	4	50	11	1	1	45	11	2	2
46	9	3	3	41	10	1	1	37	8	2	2	50	11	2	2	44	11	2	2
40	7.5	2	2	43	10	2	2	38	8	3	3	47	10	2	2	43	10	1	1
44	9	2	2	44	11	2	2	38	9	2	2	53	10	3	3	42	13	2	2
47	9	2	2	44	10	2	2	40	8	4	4	50	11	2	2	42	12	2	2
45	10	3	3	46	11	1	1	41	8.5	2	2					42	12	2	2
				44	10	1	1	40	9	6	6	34.5	75.5	13	13	42	12	2	2
355	70	19	19	46	10.5	3	3					49.3	10.8	1.8	1.8	42	11	2	2
44.4	8.8	2.4	2.4	444	104	16	16												
				44.4	10.4	1.6	1.6	313	68	27	27					427	111	19	19
								39.1	8.5	3.4	3.4					42.7	11.1	1.9	1.9
8				10				8				7				10			

16049

16050

16051

6943				Caloro				Fortuno				4700				Kameji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
28	5	1	1	32	7	4	4	45	10	4	4	39	8	3	3	32	6.5	3	3
32	6.5	2	2	28	6	1	1	39	10	1	1	35	8	3	3	31	6.5	2	1
31	5.5	2	2	35	8	2	2	42	10.5	1	1	36	7	2	2	33	7	2	2
				34	7.5	2	2	46	10	3	3	34	9	3	3	22	5	1	1
91	17.0	5	5	26	6	1	1	44	11	3	3	41	7.5	4	4	34	6	3	3
30.3	5.7	1.7	1.7	24	6	1	1					35	8	2	2				
				26	6	2	2					41	8	3	3				
				205	46.5	13	13					38	7	4	3	152	31	11	10
				29.3	6.6	1.8	1.8	216	51.5	12	12	41	8	5	4				
								43.2	10.3	2.4	2.4	340	70.5	29	29	30.4	6.2	2.2	2.0
												37.8	7.8	3.2	3.0				

Imp. Blue Rose				Perry				81C				Tura				Shoemad			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
32	8	2	2	36	9	3	3	36	7	4	4	47	10	1	1	46	10	2	1
33	7	3	3	34	10	1	1	36	7	4	4	43	11	1	1	43	10	2	2
32	7	2	2	36	10	1	1	38	8	2	1	40	9	1	1	42	9	2	1
31	7	2	1	36	10	1	1	37	7	2	2	45	10	2	2	45	10	2	2
32	7	3	3	35	9.5	2	2	35	8	2	2	48	10	1	1	36	7	1	1
32	7	3	3	38	9	1	1	36	8	1	1	47	11	1	1	45	10	2	2
32	7	2	1	38	10	2	2					43	11	1	1	39	7	3	1
				39	10	2	2	218	45	15	14	46	11	1	1	36	8	1	1
								36.3	7.5	2.5	2.3	45	10.5	1	1				
224	50	17	15									49	10.5	2	2	332	75	14	11
32.0	7.1	2.4	2.0	292	77.5	13	13					48	11	3	3	41.5	9.4	1.8	1.4
				36.5	9.7	1.6	1.6					(11)							
7	12			8				6	12			50	11.5	15	15				
												45.5	10.4	1.4	1.4	8	12		
42	9	3	3	44	11	2	2	41	8	4	4	54	10.5	6	6	45	10.5	4	4
40	8.5	1	1	45	10.5	3	3	39	8.5	4	4	50	10.5	2	2	43	11	3	3
43	9	3	3	45	10	2	2	41	7.5	3	3	51	11.5	1	1	40	9	1	1
38	8	2	2	48	10	2	2	39	8	3	3	50	12	1	1	44	11	1	1
40	7	4	4	47	11	2	2	39	8	3	3	53	12	3	3	49	11	2	2
42	7	3	3	46	11	1	1	40	8	5	5	57	10.5	3	3	51	11.5	3	3
45	8.5	1	1	46	11	1	1					46	9	1	1	48	10	2	2
42	8.5	1	1	45	11	2	2	239	49	22	22	52	10	5	5				
41	9	5	5					39.8	8.2	3.7	3.7					320	74	16	16
44	8.5	5	5	366	85.5	15	15					413	86	22	22	45.7	10.6	2.3	2.3
				458	10.7	1.9	1.9					51.6	10.8	2.8	2.8				
417	83	28	28																
41.7	8.3	2.8	2.8																
10				8				6				8				7			
43	9	2	2	44	11	1	1	41	8	3	3	47	11	2	2	40	10	2	1
48	8.5	5	5	46	10.5	1	1	39	8	4	4	52	11	3	3	44	12	3	3
48	8.5	2	2	45	11	1	1	39	9	3	3	51	10.5	2	2	39	9	2	2
44	9	3	3	44	11.5	1	1	38	9	3	3	46	10	1	1	35	9	1	1
48	9	2	2	43	10	1	1	42	9	4	4	45	10	1	1	40	12	2	2
46	9	2	2	41	10	1	1	41	9	3	3	48	11	2	2	40	10	1	1
46	7.5	3	3	47	11	2	2					49	11	3	3	42	12	1	1
49	9	1	1	45	10	3	3					50	11	2	2	45	12	5	5
45	9	2	2					240	52	20	20								
48	9.5	3	3					40.0	8.7	3.3	3.3	388	85.5	16	16				
47	9	3	3	355	85	11	11					48.5	10.7	2.0	2.0	325	86	17	16
(11)				44.4	10.6	1.4	1.4									40.6	10.8	2.1	2.0
512	97	28	28																
46.5	8.8	2.5	2.5	8				6				8				8			

16052

16053

16054

July 1-10

6943				Caloro				Fortuna				4700				Kameji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
32	6	3	3	40	8.5	5	5	47	11	2	2	43	9	9	8	39	7	3	3
31	6	2	2	35	8	1	1	47	11	2	2	47	9	4	4	31	7	2	2
34	7	3	3	39	8	2	2	48	12	2	2	46	10	6	6	38	7	4	3
				40	7.5	2	2	43	10	2	2	45	10	5	5	37	7	4	4
97	19	8	8	40	8	4	4	44	11	1	1	47	10	4	4	29	7	2	2
32.3	6.3	2.7	2.7					43	10	3	3	45	9	4	4	38	7	5	5
				194	40	14	14	42	9	4	4	46	11	5	5				
				38.8	8.0	2.8	2.8					45	9.5	7	7	212	42	20	19
												36	8	3	3	353	7	3.3	3.2

16055

6pm-8am

314	74	16	16																
448	10.6	2.3	2.3	400	85.5	47	46												
				44.4	9.5	5.2	5.1												

3				5				7				9				6			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
27	6	4	4	41	8	3	3	43	10	1	1	56	10.5	10	10	42	8	3	3
32	7	3	3	38	6.5	3	3	49	11	1	1	53	10	5	5	43	8	2	2
31	7	3	3	37	7	1	1	43	10	1	1	54	9.5	6	6	41	7.5	3	3
32	7	4	3	39	7	3	3	48	10	3	3	59	1.0	5	5	42	7.5	3	3
				38	8.5	3	3	50	10.5	3	3	57	10.5	6	6	41	8	3	3
				38	8.5	2	2	44	9	1	1	60	10	6	6				
122	27	14	13					53	12	3	3	54	10	3	3	209	39	14	14
30.5	6.8	3.5	3.2	231	45.5	15	15	330	72.5	13	13	59	10.5	11	11	418	7.8	2.8	2.8
				38.5	7.6	2.5	2.5	47.1	10.4	1.8	1.8								
												452	81	52	52				
												56.5	10.2	6.5	6.5				

16056

8am-1pm

4				6				7				8				5			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
35	7	3	3	Rogue				51	10	3	3	53	10	7	7	45	7.5	5	5
31	6.5	2	2	41	9	1	1	48	9.5	3	3	60	10	9	9	45	8.5	2	2
				42	9	2	2	48	10	2	2	56	10.5	5	5	45	8.5	3	3
				38	7.5	2	2	50	11	2	2	56	11	2	2	44	9	1	1
				42	9	1	1	51	11	3	3	59	10	5	5	42	8	1	1
66	13.5	5	5					53	10	2	2	59	11	5	5	46	8	3	3
33	6.8	2.5	2.5	163	34.5	6	6	50	11	2	2	59	10	6	6	45	8	4	4
				40.8	8.6	1.5	1.5	49	11	2	2	55	10	8	8	42	8	3	3

16057

1pm-6pm

400	83.5	19	19																
50.0	10.4	2.4	2.4	453	82.5	47	47												
				56.6	10.3	5.9	5.9												

2

4

8

8

8

Imp. Blue Rose				Rexro				81C				Mira				Shoemid			
Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan	Ht	l	T	pan
40	8	6	6	43	9.5	4	4	42	8	3	3	50	12	4	4	42	11	3	2
37	7.5	3	3	32	8	1	1	42	8	4	4	47	12	3	3	46	10	5	5
38	8	4	4	42	11	2	2	42	8.5	4	4	49	11	2	2	45	11	1	1
36	9.5	1	1	42	11.5	2	2	43	9	2	2	40	8	1	1	Rogue			
37	8	2	2	42	11	2	2	41	8	2	2	47	12	3	3	41	10.5	2	2
38	9	1	1	38	10	1	1	43	8	5	5	41	10	1	1	45	10	2	2
38	9	3	2	42	11	1	1	44	8.5	3	3	43	9	1	1	46	10	4	4
39	9	4	4	45	11	2	2					48	11	2	2	42	10.5	2	2
				43	11	1	1	297	58	23	23	50	11	3	2				
303	68	24	23					42.4	8.3	3.3	3.3	48	11	3	3	307	73	19	18
379	8.5	3	2.9	369	94	16	16					463	107	23	22	43.8	10.4	2.7	2.6
				41.	10.4	1.8	1.8					46.3	10.7	2.3	2.2				
	8				9				7				10				7		
48	9	4	4	46	11	2	2	40	8	5	4	53	11	2	2	43	12	5	5
46	9.5	3	3	50	10.5	1	1	41	8	4	4	53	11.5	3	3	41	11.5	3	3
45	9	4	4	48	11	2	2	42	8.5	5	5	46	11	1	1	40	12	1	1
45	9	4	4					41	9	4	4	51	11	2	2	43	9	1	1
42	7	3	3					40	8	3	3	44	9	1	1	45	13	2	2
44	9	3	3	39	9	1	1	39	8	5	5	45	10	1	1	39	12	1	1
46	9	1	1	46	11	2	2	37	8	3	3	51	11	2	2	42	13	2	2
44	8	4	4	49	10.5	2	2					53	12	1	1				
44	8	2	2	45	11	2	2	280	57.5	29	28	53	12	1	1	293	82.5	15	15
48	10	3	3	51	10.5	4	4	40	8.2	4.1	4.0	55	11	3	3	41.8	11.8	2.1	2.1
47	10	5	5	324	84.5	16	16					56	12	2	2				
45	9	3	3	46.8	10.6	2.0	2.0					50.9	11.0	1.7	1.7				
544	106.5	39	39						7				11				7		
45.3	8.9	3.2	3.2		8														
48	9	4	4	52	10.5	4	4	41	8	6	6	56	12	3	3	46	12	3	3
49	10	4	4	42	9	1	1	44	9	3	3	53	12	2	2	40	12	1	1
46	9	2	2	52	11.5	2	2	46	8.5	5	5	51	11	2	2	46	12	3	3
46	9	3	3	55	11	2	2	46	10	3	3	47	10	1	1	45	12	3	3
45	8	3	3	53	11	1	1	41	8	5	5	52	12	1	1	46	11.5	3	3
48	9.5	2	2	46	11	1	1	43	9	4	3	53	11.5	2	2	43	12	2	2
46	9	6	6	48	10.5	1	1	46	9	7	7	56	12	3	3	45	12	2	2
48	9.5	2	2	47	11	1	1					52	12	1	1	46	12	5	5
50	9.5	1	1	50	11	1	1	307	61.5	33	32								
45	9	4	4	51	11	1	1	43.8	8.8	4.7	4.6	420	92.5	15	15				
46	10	3	3	50	10	2	2					52.5	11.6	1.9	1.9	357	95.5	22	22
45	9	4	4													44.6	11.9	2.8	2.8
562	110.5	38	38	546	117.5	17	17												
46.8	9.2	3.2	3.2	49.6	10.7	1.5	1.5		7				8				8		

16055

16056

16057

Not Covered

16058

6443				Caloro				Fortuna				4700				Kameji			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
34	7.	2	2	37	7	3	3	50	10.5	4	4	56	12	6	6	45	8.5	4	4
33	7.5	3	3	40	8	3	3	46	10	2	2	58	10	7	7	45	8	4	4
				36	8	1	1	49	10.5	3	3	57	10	3	3	45	8	2	2
				42	8	2	2	48	10	1	1	59	11	4	4	46	8	1	1
67	14.5	5	5	39	9	2	2	50	10	1	1	59	11	7	7	44	8	4	4
				42	10	3	3	Rogue				60	11	4	4	46	8	3	3
33.5	7.2	2.5	2.5	38	8.5	3	3	47	11	2	2	57	10	6	6	42	8	3	3
								43	10	1	1	62	11	8	8	43	7.5	2	2
								50	10.5	2	2					46	8	3	3
				274	58.5	17	17	43	11	1	1	468	86	45	45				
				39.1	8.4	2.4	2.4					58.5	10.8	5.6	5.6	402	72	26	26
								(9)								44.7	8.0	2.9	2.9
								426	93.5	17	17								
2				7				423	10.4	1.9	1.9	8				9			

Imp. Blue Rose				Rexoro				81C				Mira				Shoemud			
Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan	Ht	L	T	pan
51	9	3	3	50	11	2	2	46	10	8	7	47	11	3	3	45	12	4	4
41	8	3	3	47	11	2	2	45	9	3	3	51	11	3	3	48	11	4	4
48	9	3	3	54	11.5	2	2	44	8	3	3	51	11	2	2	46	11	5	5
47	9.5	3	3	51	11	2	2	49	9	6	6	53	10.5	3	3	46	12	2	2
44	8.5	1	1	45	10.5	3	3	48	9	3	3	50	10.5	3	3	42	9.5	2	2
46	9.5	3	3	48	11.5	5	5	46	9	11	11	56	10.5	3	3	38	8	3	1
46	8.5	2	2	48	10	1	1	45	9.5	4	4	51	13	1	1	45	12	2	2
49	9.5	5	5	46	11	1	1	320	63.5	38	37	54	12	2	2	49	11	7	7
48	9	2	2	48	11	3	3	45.7	9.1	5.4	5.3	53	12	3	3	359	86.5	29	27
50	9	5	5													44.9	10.8	3.6	3.4
				437	98.5	21	21					520	113.5	24	24				
470	89.5	30	30	48.6	10.9	2.3	2.3					52.0	11.4	2.4	2.4				
47.0	9.0	3.0	3.0																
10				9				7				10				8			

16058

48.5
437
36
72
50

all figures including averages
have been checked.

Natl' Crossing, 1936 Test

Tachini Heading Record

	<u>Heading</u>		<u>Returning</u>		<u>Harb.</u>
	<u>1st</u>	<u>Full</u>	<u>1st</u>	<u>Full</u>	
Calao	8-8	8-16	8-29	9-9	9-14
Fortuna	8-17	8-26	9-4	9-14	9-19
Blue Rock	8-20	8-29	9-12	9-24	10/1
Rexro	9-5	9-17	9-22	10/4	10/10

Artificial Crossing Record.

7-31

(8) 2916 A 8 x *Imp. Bl. R* (Hylar)

10 min at 44°

+ upper + 5 upper florets on 2 telled branches pollinated V. dry atmosphere.

8-1

6001 *Shoemed* x *Shoemed* (14)

10 min @ 44.5°

V. dry atmosphere

6002 *Shoemed* x 81C (6001)

10 min @ 44.5°

8-4

6052

Rexno x *Shoemed*

10 min @ 44°

clear day.

Rexno x 81C.

10 min @ 44°

8-10

(2) *Colasa* x *F₁ (Colasa x C. cubensis)*

pt cloudy, mostly sunshiny

(6001) *Shoemed* x *latifolia*

very little pollen

(6017) *Fortuna*

Not fertilized

(6019) 6993 x 6121-3

Fairly good pollen

